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LIBRARY OF THE

HISTORY AMERICAN MUSEUM OF NATURAL  
FOR THE  
PEOPLE  
FOR  
EDVCATION  
FOR  
SCIENCE















**GROWTH OF THE BUILDING  
OF THE  
AMERICAN MUSEUM OF NATURAL HISTORY**

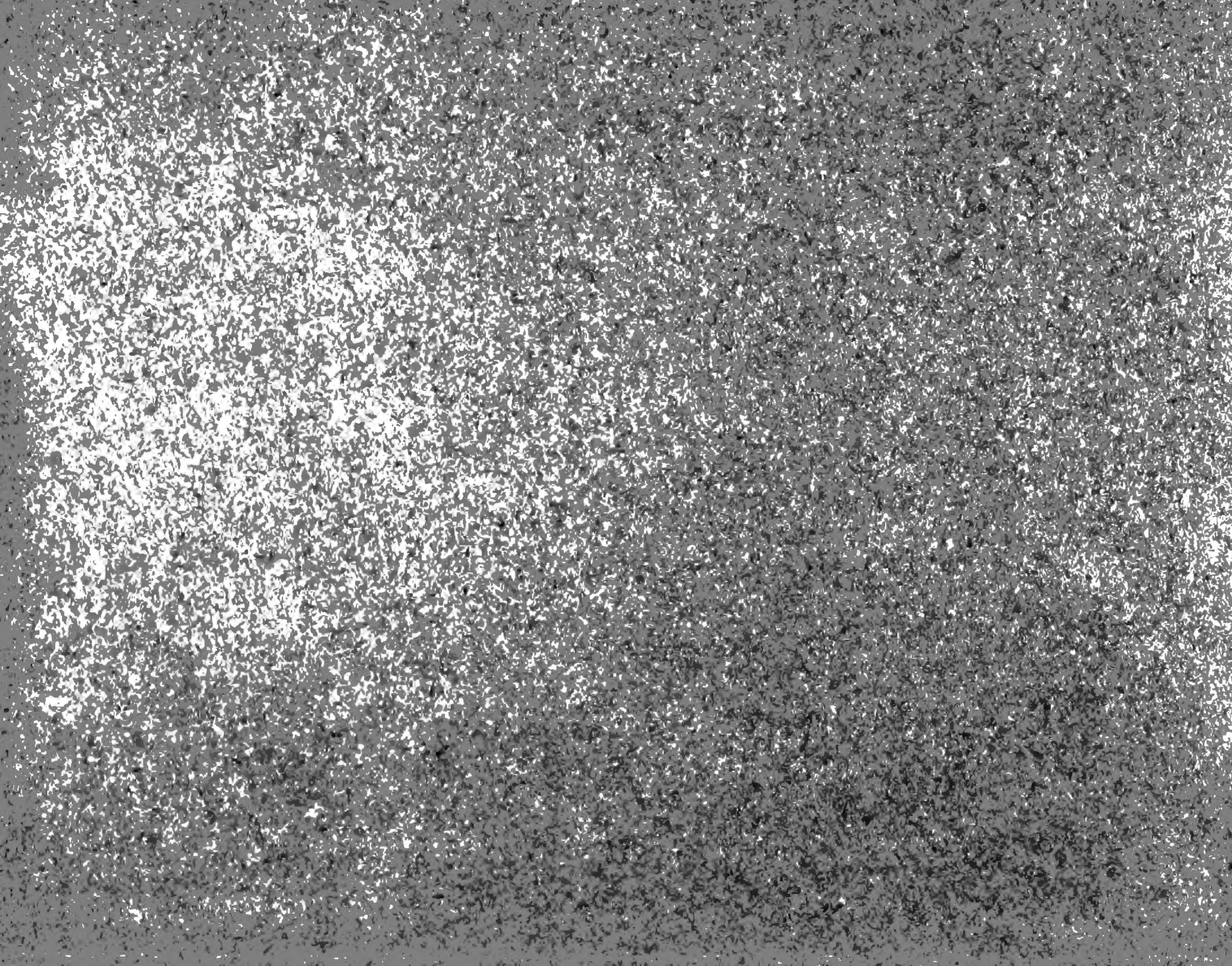
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**PLANS FOR FUTURE BUILDING  
AND  
ARRANGEMENT OF COLLECTIONS**

MAY, 1911

48-167495-Man 20









**GROWTH OF THE BUILDING**  
**OF THE**  
**AMERICAN MUSEUM OF NATURAL HISTORY**

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**PLANS FOR FUTURE BUILDING**  
**AND**  
**ARRANGEMENT OF COLLECTIONS**

Submitted by the  
President and Buildings and Plans Committee  
to the  
Trustees of the Museum  
and to the  
Members of the Board of Estimate and Apportionment  
May 8, 1911



THE ARSENAL IN CENTRAL PARK — First Home of the Museum, 1870-1877

## **The Arsenal in Central Park**

FIRST HOME OF THE MUSEUM, 1870-1877

Site—Second and third floors of the Arsenal.

President—John David Wolfe.

Mayor—A. Oakley Hall.

Comptroller—Andrew H. Green.

Manhattan Square, a plot of 18 acres, the present site of the Museum, was set aside as the permanent home of The American Museum of Natural History, by the Park Board in 1872.



THE MUSEUM South Transept. The first portion of the Museum and a part of Manhattan Square as they appeared in 1877-1889



## The Museum—South Transept

President—Robert L. Stuart.

Mayors—A. Oakley Hall (1869-1872). William H. Wickham (1875-1876).

Comptroller—Andrew H. Green.

Park Commissioner—Henry G. Stebbins (1871).

Corner-stone laid by President U. S. Grant, June 2, 1874.

Construction period, 1874-1877.

|   |              |              |              |
|---|--------------|--------------|--------------|
| Appropriation by the City, Chapter 290, Laws of 1871                                  | -            | \$500,000.00 |              |
| Appropriation by the City, Chapter 315, Laws of 1875                                  | -            | 200,000.00   | \$700,000.00 |
| Contract price for iron work  | \$287,841.50 |              |              |
| Contract price for masons' work   | 131,483.00   |              |              |
| Balance for plastering, plumbing, heating, lighting, tiling,<br>cases, painting, etc. | 280,675.50   |              | \$700,000.00 |
| Contract awarded, July 24, 1873.  |              |              |              |
| Last payment, August 2, 1877.   |              |              |              |
| Floor Area, 71,426 square feet, including cellar and attic used as storage rooms.     |              |              |              |

Architect—Calvert Vaux.



THE MUSEUM. Central Section of the South Façade, 1889-1893

## Central Section of the South Façade

(SOUTH ENTRANCE)

President—Morris K. Jesup.

Mayors—Abram S. Hewitt (1887-1888).    Hugh J. Grant (1889-1892).

Comptrollers—Edward V. Loew (1887).    Theodore W. Meyers (1889-1893).

Park Commissioners—M. C. D. Borden (1887).    J. Hampden Robb (1889).

|  |              |              |              |
|--|--------------|--------------|--------------|
| Appropriation by the City, Chapter 44, Laws of 1887, for Central Section and East Transept | \$400,000.00 |              |              |
| Appropriation by the City, Chapter 89, Laws of 1889, for West Transept, stoop and entrance | 100,000.00   | \$800,000.00 |              |
| Contract price for building Central Section and East Transept                              | \$338,254.50 |              |              |
| Balance for excavation, cases, etc.  | 61,745.50    | \$400,000.00 |              |
| Contract awarded October 8, 1888.  |              |              |              |
| Last payment, May 12, 1891.  |              |              |              |
| Contract price for building West Transept, stoop and entrance                              | \$339,291.54 |              |              |
| Balance for cases, fees, etc.  | 60,708.46    | 400,000.00   | \$800,000.00 |
| Contract awarded February 4, 1890.   |              |              |              |
| Last payment, September 23, 1891.  |              |              |              |
| Floor area, 69,405 square feet, including cellar and attic used for storage.               |              |              |              |

Architect —J. C. Cady & Co.



THE MUSEUM. East Wing of South Façade, 1893-1895

## East Wing of South Façade

President—Morris K. Jesup.

Mayors—Hugh J. Grant (1889-1892). Thomas F. Gilroy (1893-1894).

Comptrollers—Theodore W. Meyers (1889-1893). Ashbel P. Fitch (1894-1897).

Park Commissioners—Paul Dana (1892). A. B. Tappen (1893). George C. Clausen (1894).

|  |   |   |   |   |   |              |              |              |
|--|---|---|---|---|---|--------------|--------------|--------------|
| Appropriation by the City, Chapter 423, Laws of 1892 | - | - | - | - | - | \$350,000.00 |              |              |
| Appropriation by the City, Chapter 448, Laws of 1893 | - | - | - | - | - | \$50,000.00  |              |              |
| Appropriation by the City, Chapter 63, Laws of 1894  | - | - | - | - | - | †200,000.00  | \$600,000.00 |              |
| Contract price for building                          | - | - | - | - | - | \$330,900.00 |              |              |
| Balance for fees, etc.                               | - | - | - | - | - | 19,100.00    | \$350,000.00 |              |
| Contract awarded, July 19, 1893.                     |   |   |   |   |   |              |              |              |
| Last payment, August 26, 1895                        |   |   |   |   |   |              |              |              |
| Reimbursement amount                                 | - | - | - | - | - | \$48,103.36  |              |              |
| Balance for fees, etc.                               | - | - | - | - | - | 1,896.64     | 50,000.00    |              |
| Contract price for building                          | - | - | - | - | - | \$484,750.00 |              |              |
| Balance for fees, etc.                               | - | - | - | - | - | 15,250.00    | 200,000.00   | \$600,000.00 |

Contract awarded, June 29, 1894.

Last payment, September 3, 1895.

Floor area, 52,998 square feet, including cellar used for storage.

Architect—J. C. Cady & Co.

\* This amount was paid to the Trustees in reimbursement for payments made for several years for cases, repairs, etc., to various portions of entire building.

† Completion of enlargement (refers principally to the East Wing).



Southwest Corner Wing

West Wing

Central Section—South Entrance

East Wing

Southeast Corner Wing

THE MUSEUM. South Façade. Exterior completed in 1899

## West Wing of South Façade

President – Morris K. Jesup.

Mayor—William L. Strong.

Comptroller – Ashbel P. Fitch.

Park Commissioner – David H. King.

|  |           |              |              |
|--|-----------|--------------|--------------|
| Appropriation by the City for West Wing, Chapter 235, Laws of 1895 | -         | \$500,000.00 |              |
| Premium from sale of bonds   | - - - - - | 11,775.00    | \$511,775.00 |
| Contract for building  | - - - - - | \$344,900.00 |              |
| Balance for cases, fees, repairs, etc.                             | - - - - - | 166,875.00   | \$511,775.00 |

Contract awarded, October 1, 1895.

Last payment, June 28, 1897.

Floor Area, 52,998 square feet, including cellar used for storage.

Architect—J. C. Cady & Co.





## Southeast Corner Wing

President—Morris K. Jesup.

Mayor—William L. Strong.

Comptroller—Ashbel P. Fitch.

Park Commissioner—S. Van Rensselaer Cruger.

|  |   |   |   |   |   |   |              |   |              |
|--|---|---|---|---|---|---|--------------|---|--------------|
| Appropriation by the City for Southeast Corner Wing, Chapter 175, Laws |   |   |   |   |   |   |              |   |              |
| of 1896  | - | - | - | - | - | - | -            | - | \$500,000.00 |
| Premium from sale of bonds   | - | - | - | - | - | - | -            | - | 29,002.50    |
| Contract for building  | - | - | - | - | - | - | \$364,500.00 |   |              |
| Balance for cases, repairs, fees, etc.                                 | - | - | - | - | - |   | 164,502.50   |   | \$529,002.50 |

Contract awarded, September 2, 1897.

Last payment, December 7, 1899.

Floor Area, 49,416 square feet, including cellar and two attics used for storage.

Architect—Cady, Berg & See.



## Southwest Corner Wing

President—Morris K. Jesup.

Mayor—William L. Strong.

Comptroller—Ashbel P. Fitch.

Park Commissioner—Samuel McMillan.

Appropriation by the City for Southwest Corner Wing and Lecture Hall,

|  |   |   |   |   |   |              |              |              |
|--|---|---|---|---|---|--------------|--------------|--------------|
| Chapter 213, Laws of 1897                        | - | - | - | - | - | -            | \$500,000.00 |              |
| Premium on sale of bonds                         | - | - | - | - | - | -            | 26,532.50    | \$526,532.50 |
| Contract price for Southwest Wing                | - | - | - | - |   | \$362,500.00 |              |              |
| Contract price for Lecture Hall                  | - | - | - | - |   | 108,900.00   |              |              |
| Balance used for fees, furnishing, repairs, etc. | - |   |   |   |   | 55,132.50    | \$526,532.50 |              |

Contract awarded for Southwest Wing, October 14, 1897.

Last payment for Southwest Wing, December 8, 1899.

Contract awarded for Lecture Hall, October 6, 1899.

Last payment, 1900.

Floor Area of Southwest Corner Wing, including two attics used for storage, 49,416 square feet.

Floor Area of Lecture Hall, 15,954 square feet.

Seating capacity of Lecture Hall, 1,500.

Architect—Cady, Berg & See.



## Supplementary Equipment and Casing of South Façade

President—Morris K. Jesup.

Mayor—Robert A. Van Wyck.

Comptroller—Bird S. Coler.

Park Commissioner—George C. Clausen.

|  |              |
|--|--------------|
| Appropriation by the City for the completion of buildings, cases, painting, tiling, pedestals, and equipping new building (Southwest Wing), as the contract was for the building without sash, trim, tile, painting, etc., and also for the repairs and alterations to all the buildings constructed at that time, Chapter 185, Laws of 1900 | \$350,000.00 |
|--|--------------|



THE MUSEUM—REAR VIEW OF BUILDING. † Heating and Lighting Plant. (⊕) Lecture Hall

## Heating and Lighting Plant

President—Morris K. Jesup.

Mayor -Seth Low.

Comptroller -Edward M. Grout.

Park Commissioner—William R. Willcox.

|  |   |   |   |   |              |              |              |
|--|---|---|---|---|--------------|--------------|--------------|
| Appropriation by the Board of Aldermen for the construction and installation<br>of a new Heating and Lighting Plant, July 22, 1902 |   |   |   |   |              | \$200,000.00 |              |
| Premium from sale of bonds   | - | - | - | - | -            | 1,136.10     | \$201,136.10 |
| Contract price for building  | - | - | - | - | \$189,299.00 |              |              |
| Balance for fees, etc.   | - | - | - | - | 11,837.10    |              | \$201,136.10 |

Floor Area of Engine Room, 13,206 square feet.

Floor Area of Pump and Boiler Room, 8,094 square feet.

Floor Area of Approaches, 6,288 square feet.

Contract awarded, May 18, 1903.

Last payment, November 14, 1904.

Architect—Charles Volz.

## Supplementary Equipment, Casing and Construction

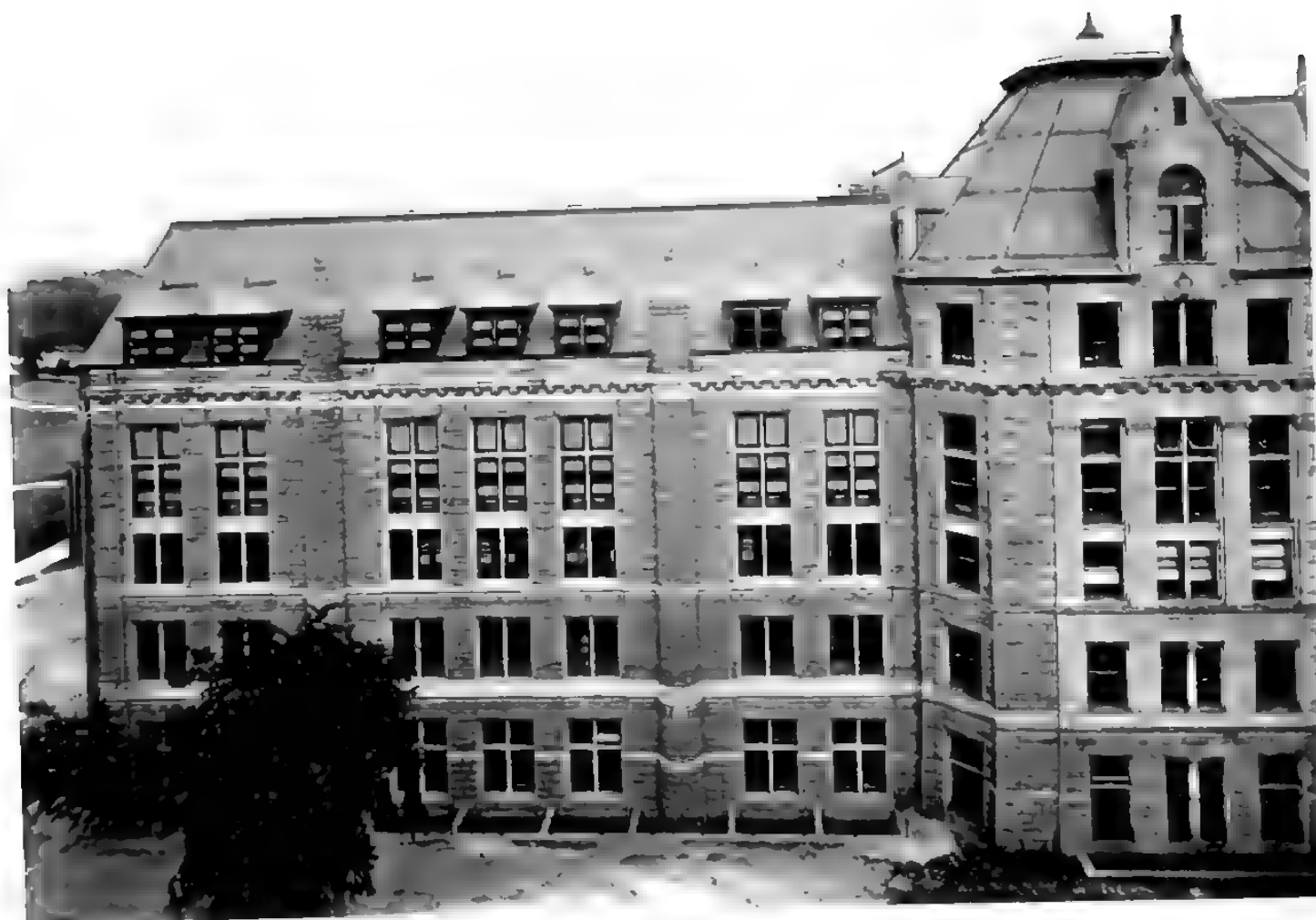
President—Morris K. Jesup.

Mayor—Seth Low.

Comptroller—Edward M. Grout.

Park Commissioner - William R. Willcox.

|  |   |   |   |   |   |              |              |
|--|---|---|---|---|---|--------------|--------------|
| Appropriation by the Board of Aldermen for the completion of the unfinished<br>portions of the building, June 16, 1903 |   |   |   |   |   | \$188,000.00 |              |
| Premium from sale of bonds   | - | - | - | - | - | 1,284.21     | \$189,284.21 |



THE MUSEUM. South Wing of West Façade



## South Wing of West Façade, Service Road and Fire Lines

President—Morris K. Jesup.

Mayor—George B. McClellan.

Comptroller—Edward M. Grout.

Park Commissioner—John J. Pallas.

|  |   |   |   |   |                   |              |              |
|--|---|---|---|---|-------------------|--------------|--------------|
| Appropriation by the Board of Aldermen for the equipping and finishing of<br>the buildings and the construction of additions thereto, April 11, 1905 |   |   |   |   |                   | \$500,000.00 |              |
| Premium from sale of bonds   | - | - | - | - | -                 | 11,090.63    | \$511,090.63 |
| Contract price for South Wing of West Façade   | - | - |   |   | \$325,600.00      |              |              |
| Contract price for Service Road  | - | - |   |   | 26,000.00         |              |              |
| Contract price for Fire Lines (entire South Façade)  | - | - |   |   | 19,838.00         |              |              |
| Balance for equipment, etc.  | - | - | - | - | <u>139,652.63</u> |              | \$511,090.63 |

Main contract awarded, May 22, 1906.

Last payment, June 6, 1908.

Floor Area, 64,163 square feet, including cellar and attics used for storage and workshops.

Architect—Charles Volz.

## Casing, Equipment and Construction, Chiefly of South Section of West Façade

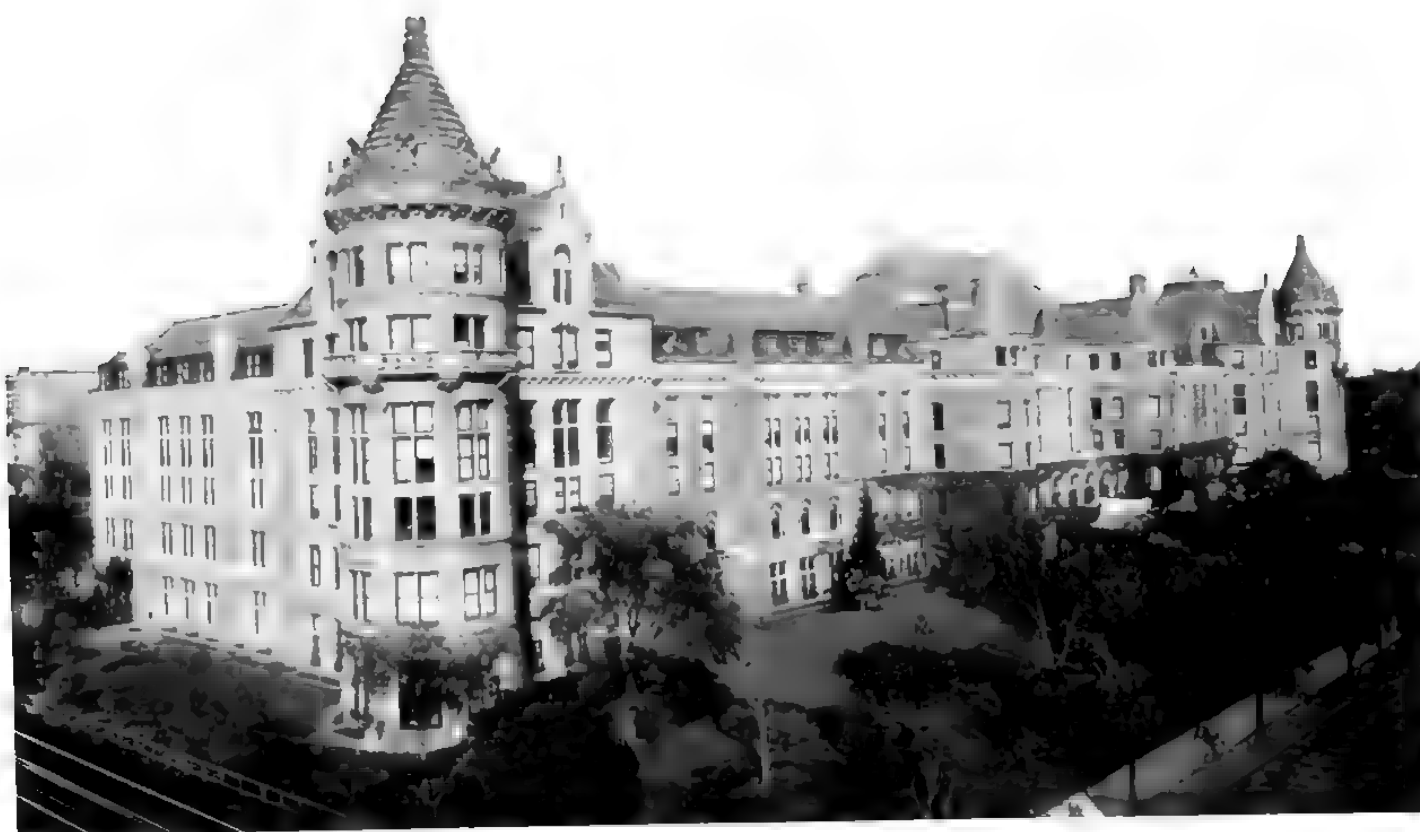
President—Henry Fairfield Osborn.

Mayor—William J. Gaynor.

Comptroller—William A. Prendergast.

Park Commissioner—Charles B. Stover.

|   |              |
|---|--------------|
| Appropriation by the Board of Aldermen, July 26, 1909 | \$100,000.00 |
|---|--------------|



THE MUSEUM IN 1911

## Summary of Appropriations and Floor Areas, 1869–1911

|  |   |   |                | <i>Premium</i> | <i>Total Floor Areas</i>                      |
|--|---|---|----------------|----------------|---|
| Chapter 290, Laws of 1871                    | - | - | \$500,000.00   |                |   |
| Chapter 315, Laws of 1875                    | - | - | 200,000.00     |                | South Transept - 71,426 square feet           |
| Chapter 44, Laws of 1887                     | - | - | 400,000.00     |                | South Entrance - 69,405 square feet           |
| Chapter 89, Laws of 1889                     | - | - | 400,000.00     |                | East Wing - 52,998 square feet                |
| Chapter 423, Laws of 1892                    | - | - | 350,000.00     |                | West Wing - 52,998 square feet                |
| Chapter 448, Laws of 1893                    | - | - | 50,000.00      |                | Southeast Corner Wing 49,416 square feet      |
| Chapter 63, Laws of 1894                     | - | - | 200,000.00     |                | Southwest Corner Wing 49,416 square feet      |
| Chapter 235, Laws of 1895                    | - | - | 500,000.00     | \$11,775.00    | Lecture Hall - 15,954 square feet             |
| Chapter 175, Laws of 1896                    | - | - | 500,000.00     | 29,002.50      | Heating and Lighting Plant 21,300 square feet |
| Chapter 213, Laws of 1897                    | - | - | 500,000.00     | 26,532.50      | Approaches - 6,288 square feet                |
| Chapter 185, Laws of 1900                    | - | - | 350,000.00     |                | South Wing, West Façade 64,163 square feet    |
| Ordinance, Board of Aldermen, July 22, 1902  |   |   | 200,000.00     | 1,136.10       | 453,364 square feet                           |
| Ordinance, Board of Aldermen, June 16, 1903  |   |   | 188,000.00     | 1,284.21       | or 10.407 acres                               |
| Ordinance, Board of Aldermen, April 11, 1905 |   |   | 500,000.00     | 11,090.63      |   |
| Ordinance, Board of Estimate, July 26, 1909  |   |   | 100,000.00     |                |   |
|  |   |   | \$4,938,000.00 | \$80,820.94    |   |
|  |   |   | 80,820.94      |                |   |
| Grand total                                  | - | - | \$5,018,820.94 |                |   |



### Comparative Cost of Public Buildings

|  |   |   |   |   |   |   |                |
|--|---|---|---|---|---|---|----------------|
| American Museum of Natural History, New York                     | - | - | - | - | - | - | \$5,018,820.94 |
| Metropolitan Museum of Art " "                                   | - | - | - | - | - | - | 4,853,536.97   |
| College of the City of New York, including grounds and equipment | - | - | - | - | - | - | 5,500,000.00   |
| New Municipal Building, New York                                 | - | - | - | - | - | - | 12,000,000.00  |
| New York Public Library, " "                                     | - | - | - | - | - | - | 9,000,000.00   |
| Hall of Records, " "   | - | - | - | - | - | - | 5,613,699.00   |
| Speedway, " "  | - | - | - | - | - | - | 3,095,000.00   |
| United States National Museum, Washington, D. C.                 | - | - | - | - | - | - | 3,500,000.00   |
| Carnegie Institute, Pittsburgh, Pa.                              | - | - | - | - | - | - | 6,120,000.00   |



DESIGN FOR NEW EAST FAÇADE OF THE MUSEUM FACING CENTRAL PARK

(Preliminary Sketch by Trowbridge & Livingston, Architects, submitted to the Trustees May 8, 1911)

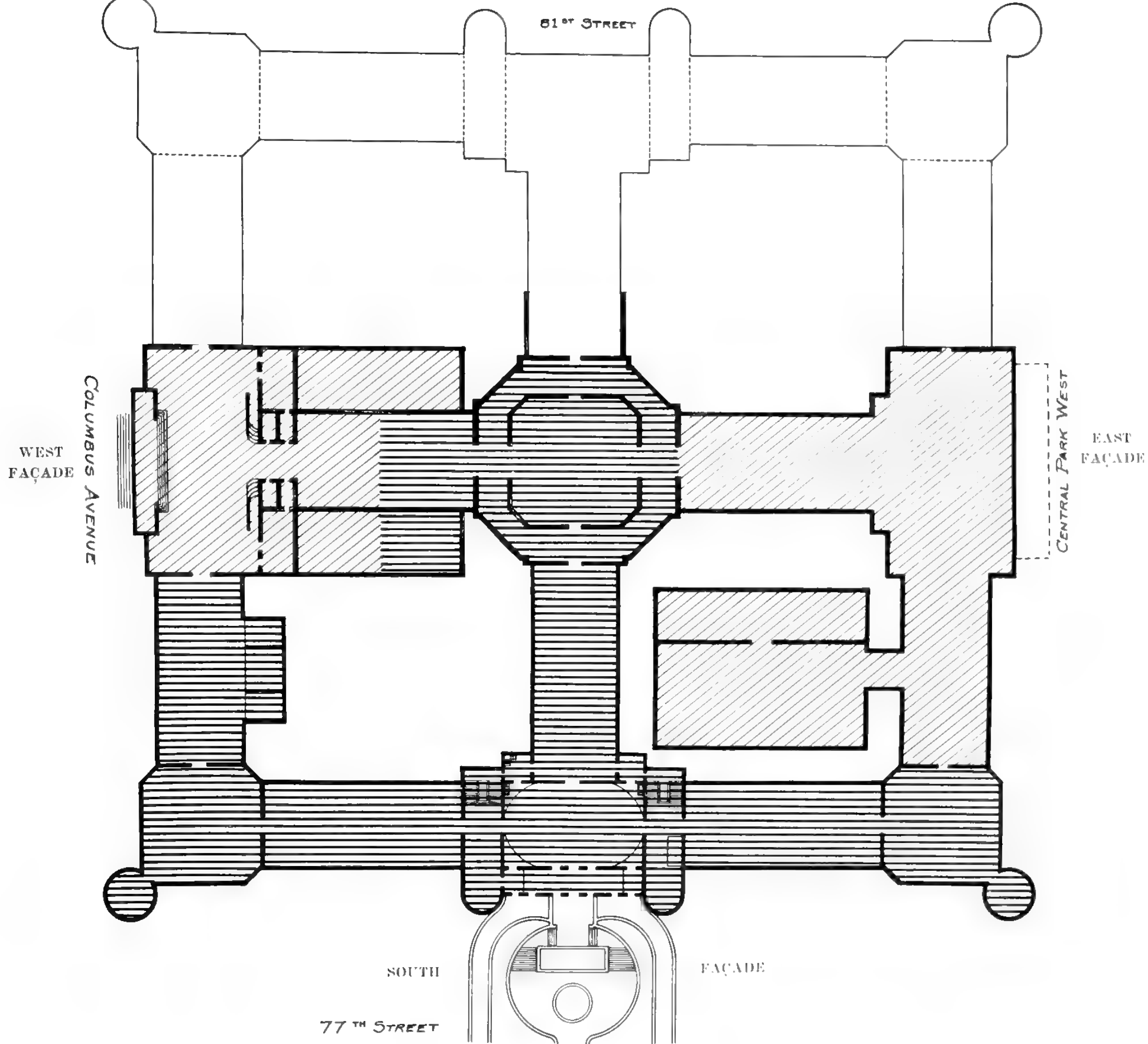
**GROUND PLAN**  
**OF THE**  
**AMERICAN MUSEUM OF NATURAL HISTORY**

|                   |   |   |                  |
|-------------------|---|---|------------------|
| Horizontal Ruling | - | - | Completed        |
| Oblique ruling    | - | - | Projected (1911) |
| Blank             | - | - | Future           |

GROUND PLAN  
OF THE  
AMERICAN MUSEUM OF NATURAL HISTORY

Horizontal Ruling  
Oblique ruling  
Blank  
Dotted  
Projected (1911)  
Completed





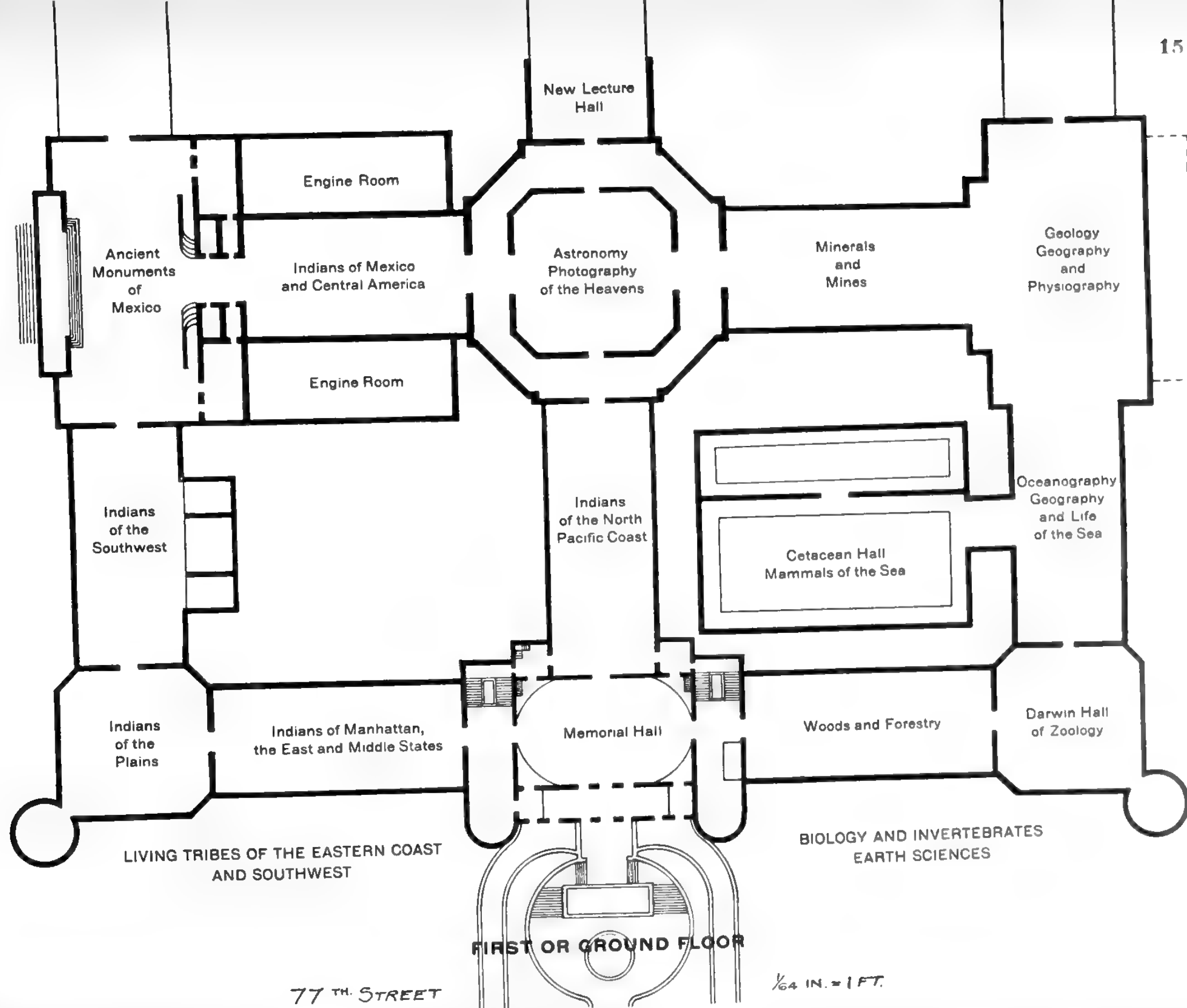


THE FOLLOWING PAGES PRESENT THE  
PROPOSED ARRANGEMENT OF EXHIBITS AND COLLECTIONS  
IN THE  
BUILDING AS CONSTRUCTED AND AS PROJECTED FOR THE  
IMMEDIATE FUTURE



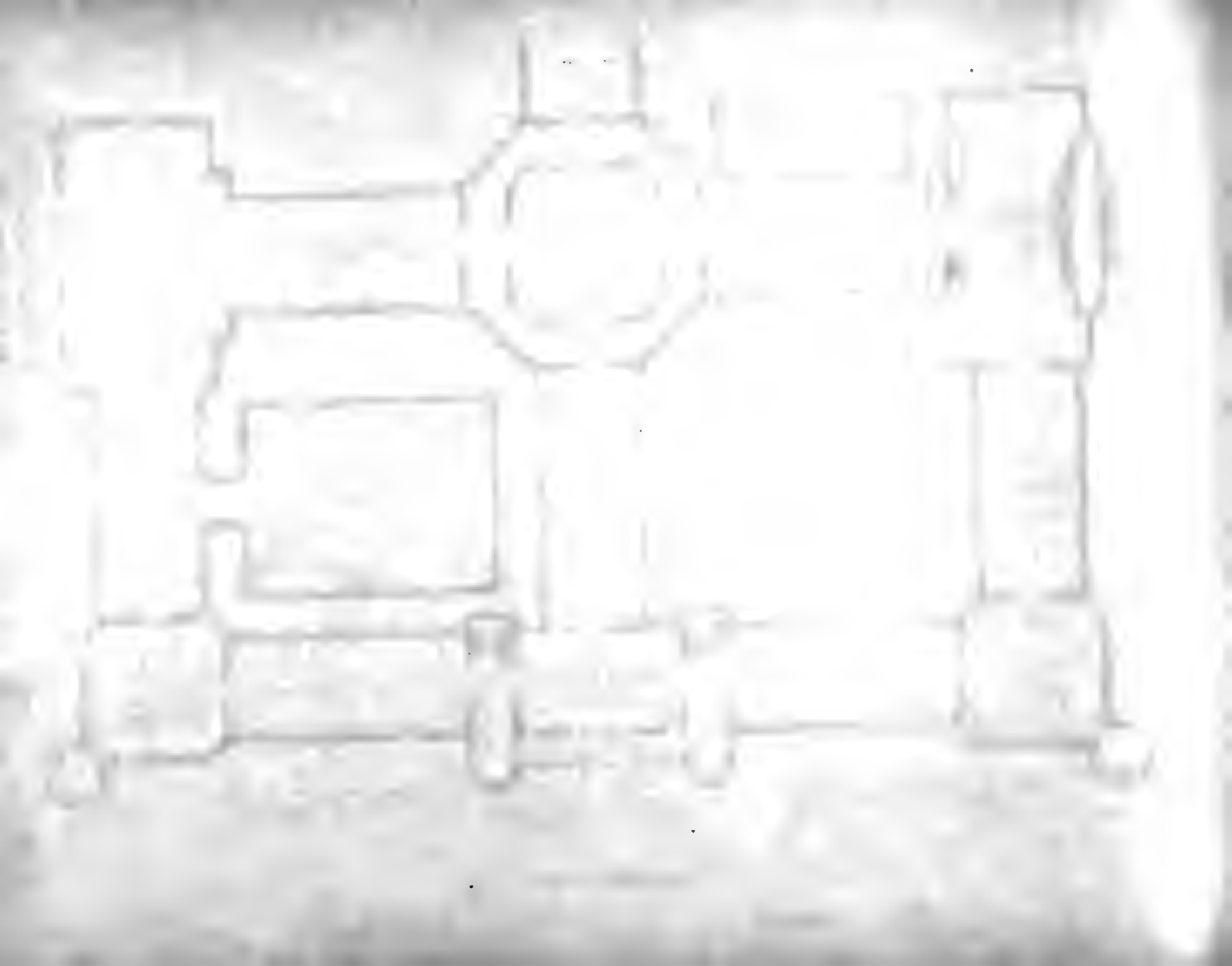
COLUMBUS AVENUE

CENTRAL PARK WEST



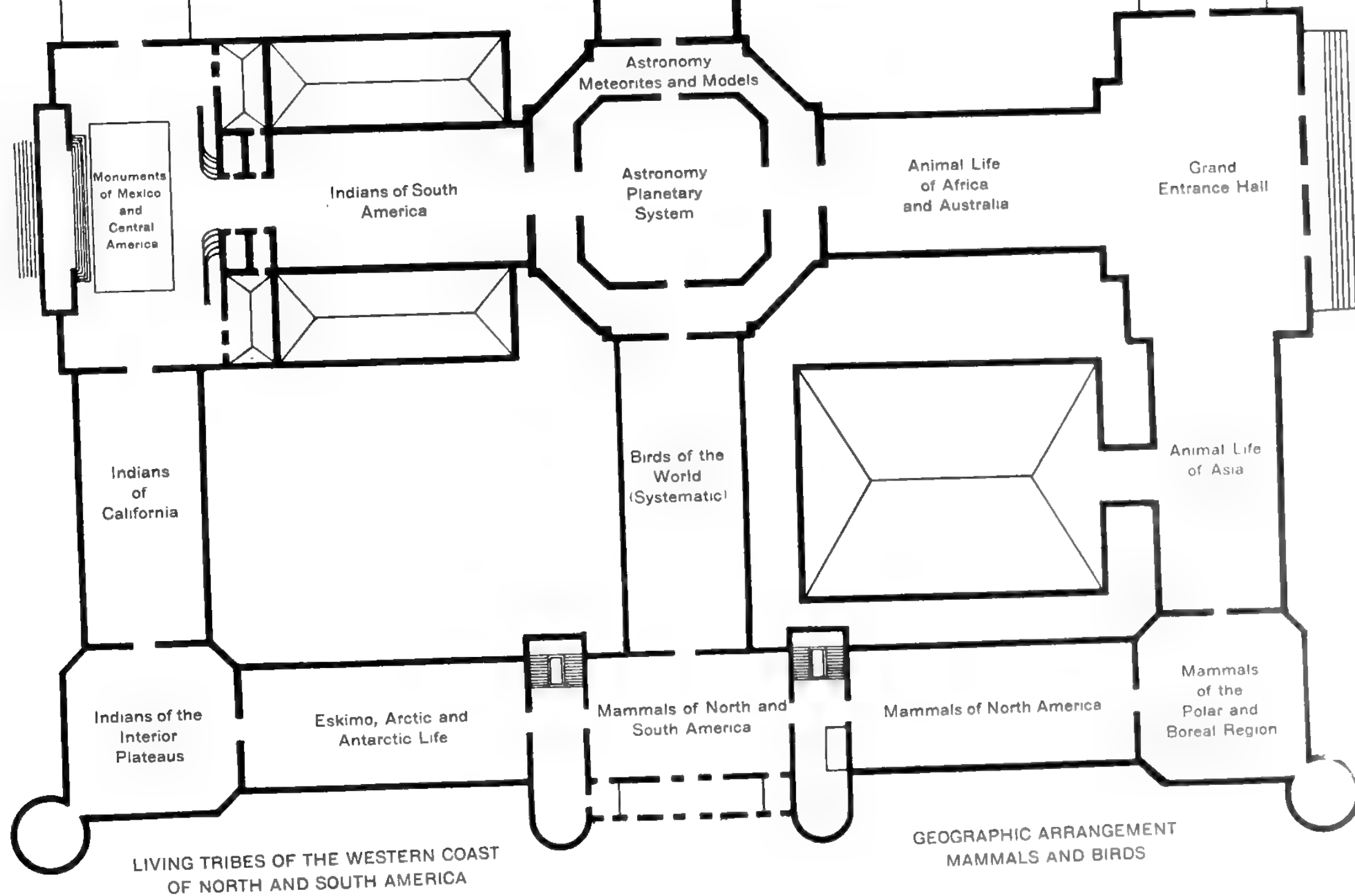
FIRST OR GROUND FLOOR

77<sup>TH</sup> STREET $\frac{1}{64}$  IN. = 1 FT.



COLUMBUS AVENUE

CENTRAL PARK WEST



SECOND FLOOR

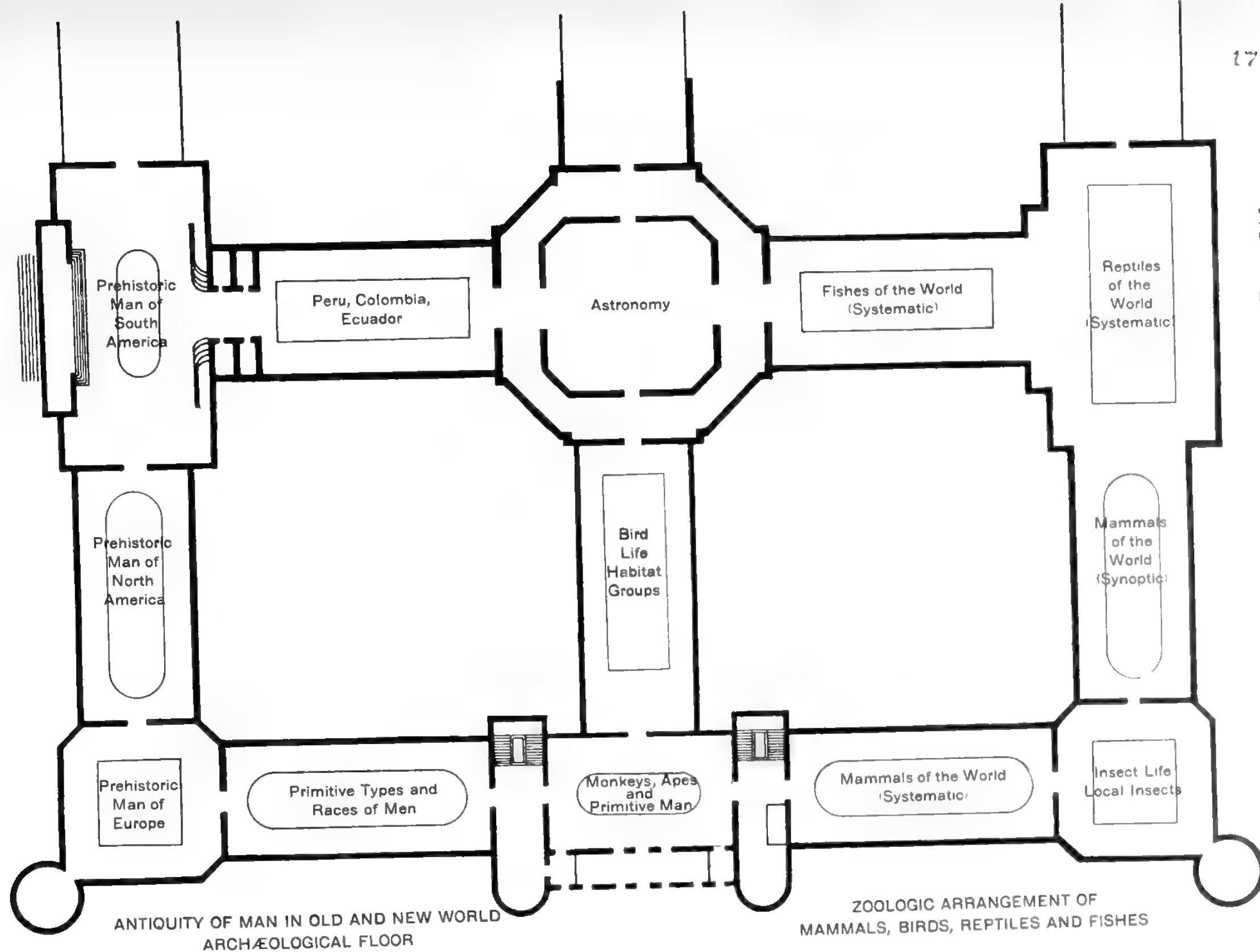
77<sup>TH</sup> STREET $\frac{1}{64}$  IN. = 1 FT.





COLUMBUS AVENUE

CENTRAL PARK WEST



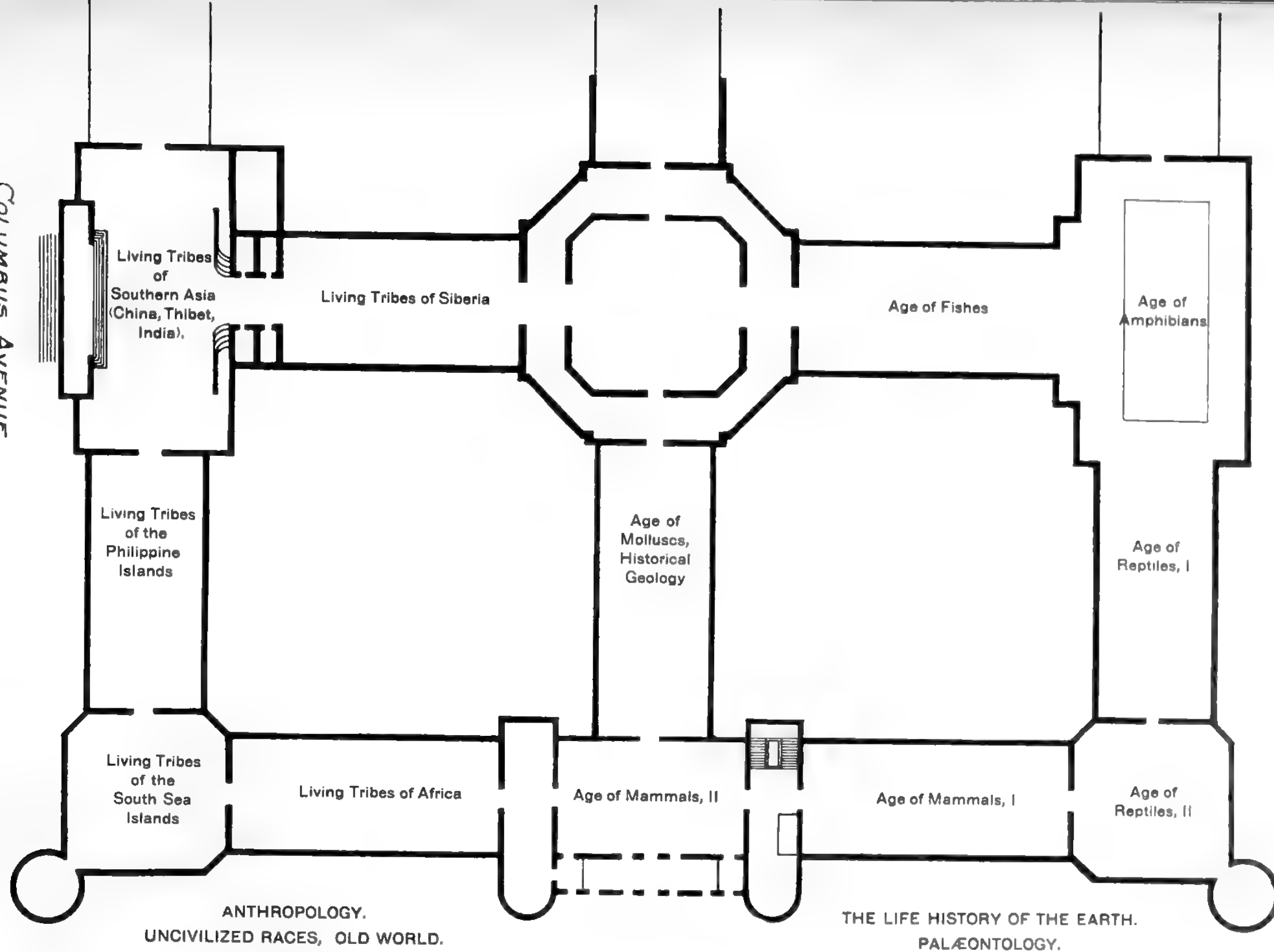
THIRD FLOOR

77<sup>TH</sup> STREET $\frac{1}{64}$  IN. = 1 FT.



COLUMBUS AVENUE

CENTRAL PARK WEST



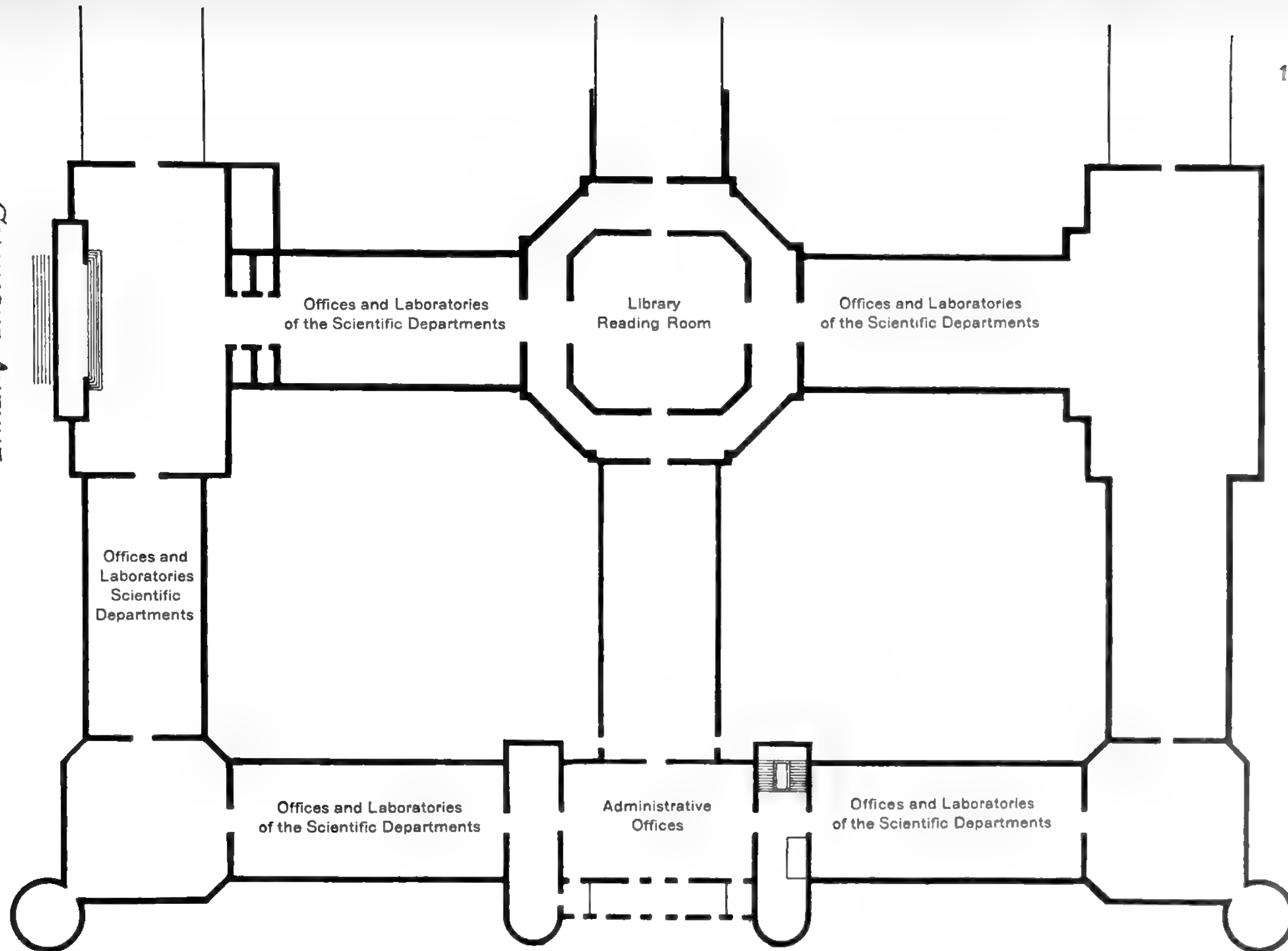
FOURTH FLOOR

77<sup>TH</sup> STREET $\frac{1}{64}$  IN. = 1 FT.



COLUMBUS AVENUE

CENTRAL PARK WEST



FIFTH FLOOR

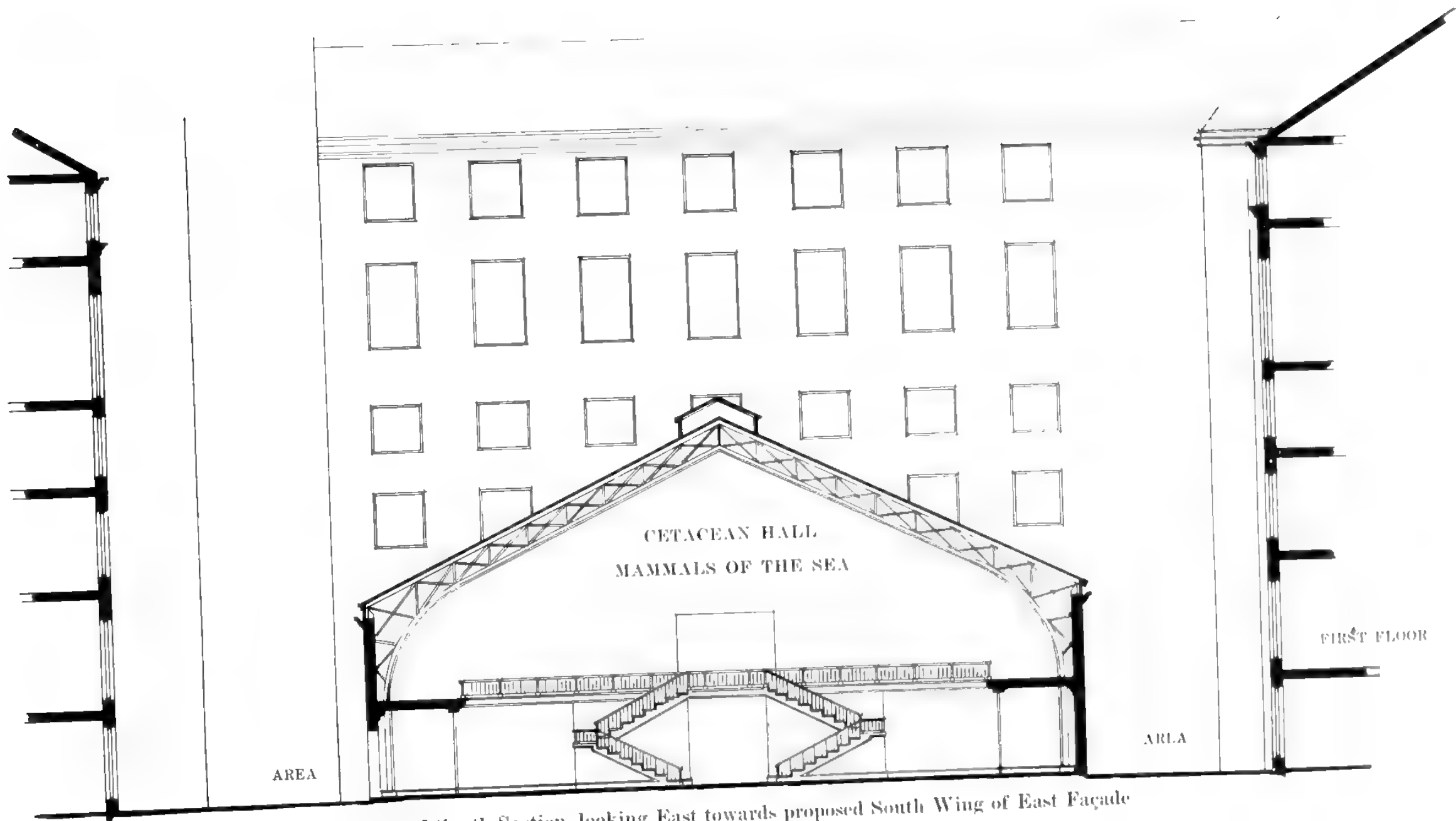
77<sup>TH</sup> STREET $\frac{1}{64}$  IN. = 1 FT.



THE FOLLOWING PAGES PRESENT THE  
DETAILED PLANS FOR SOUTH WING OF EAST FAÇADE  
AND COURT BUILDING  
PROPOSED FOR IMMEDIATE CONSTRUCTION  
INCLUDING  
ARRANGEMENT OF EXHIBITIONS UNTIL ADJOINING SECTIONS  
ARE CONSTRUCTED

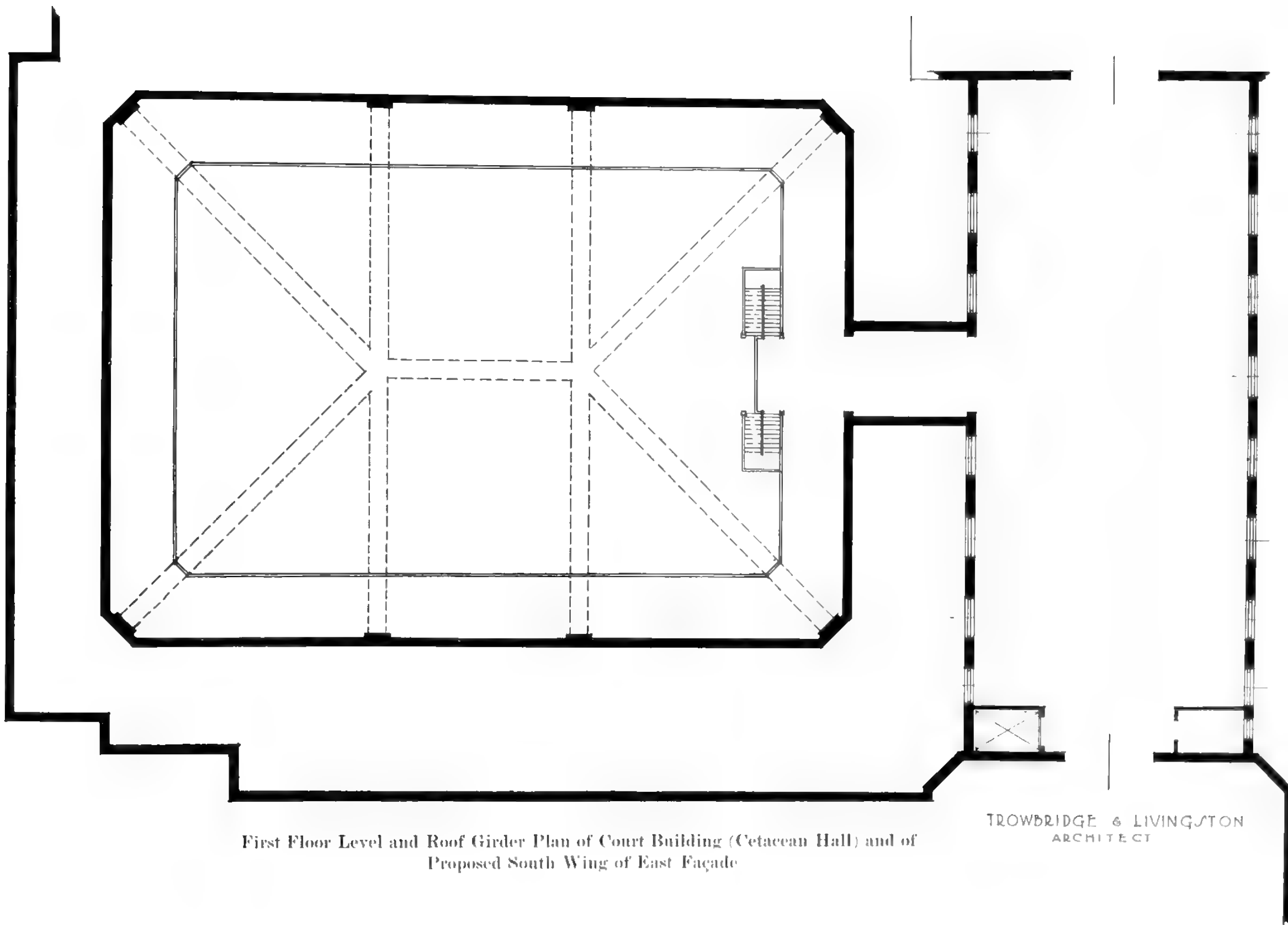






North and South Section, looking East towards proposed South Wing of East Façade

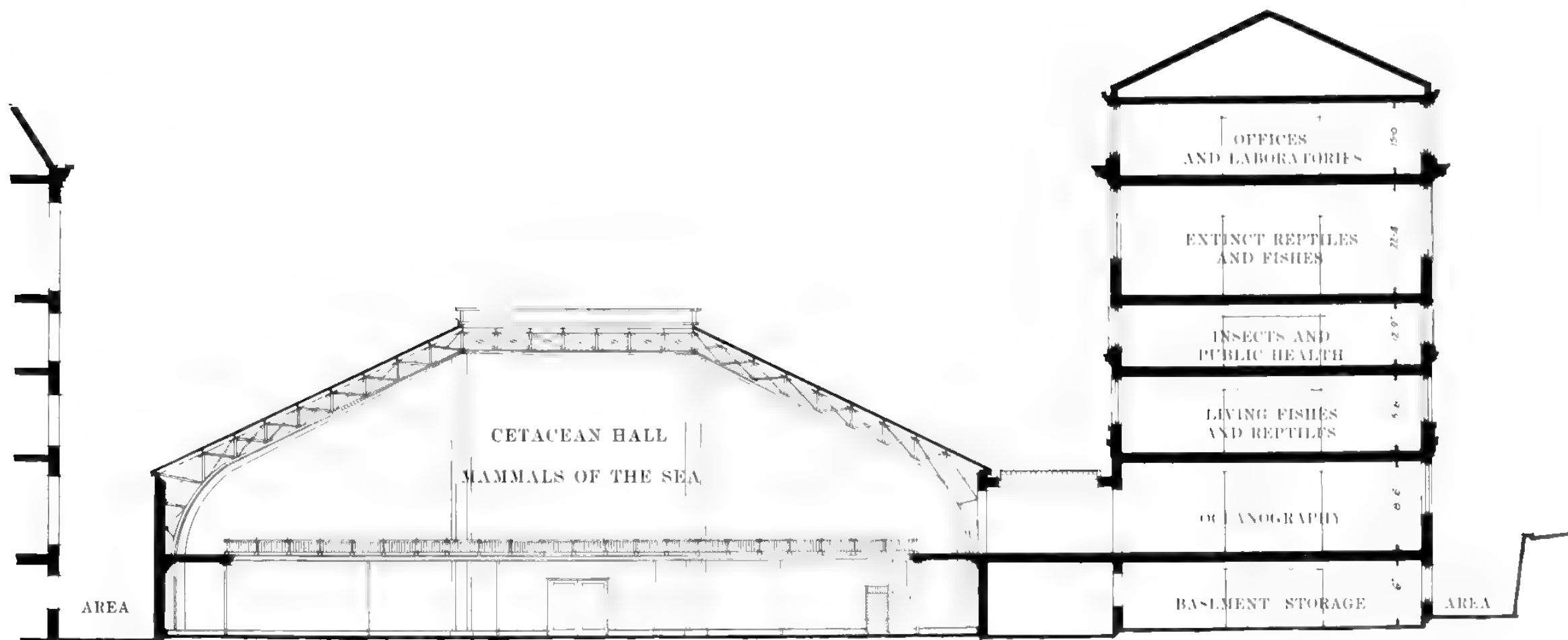




First Floor Level and Roof Girder Plan of Court Building (Cetacean Hall) and of  
Proposed South Wing of East Façade

TROWBRIDGE & LIVINGSTON  
ARCHITECT





East and West Section through the Southeast Court, showing New Wing and Cetacean Hall

TROWBRIDGE & LIVINGSTON  
ARCHITECTS











IRVING PRESS  
NEW YORK

**GROWTH OF THE BUILDING**  
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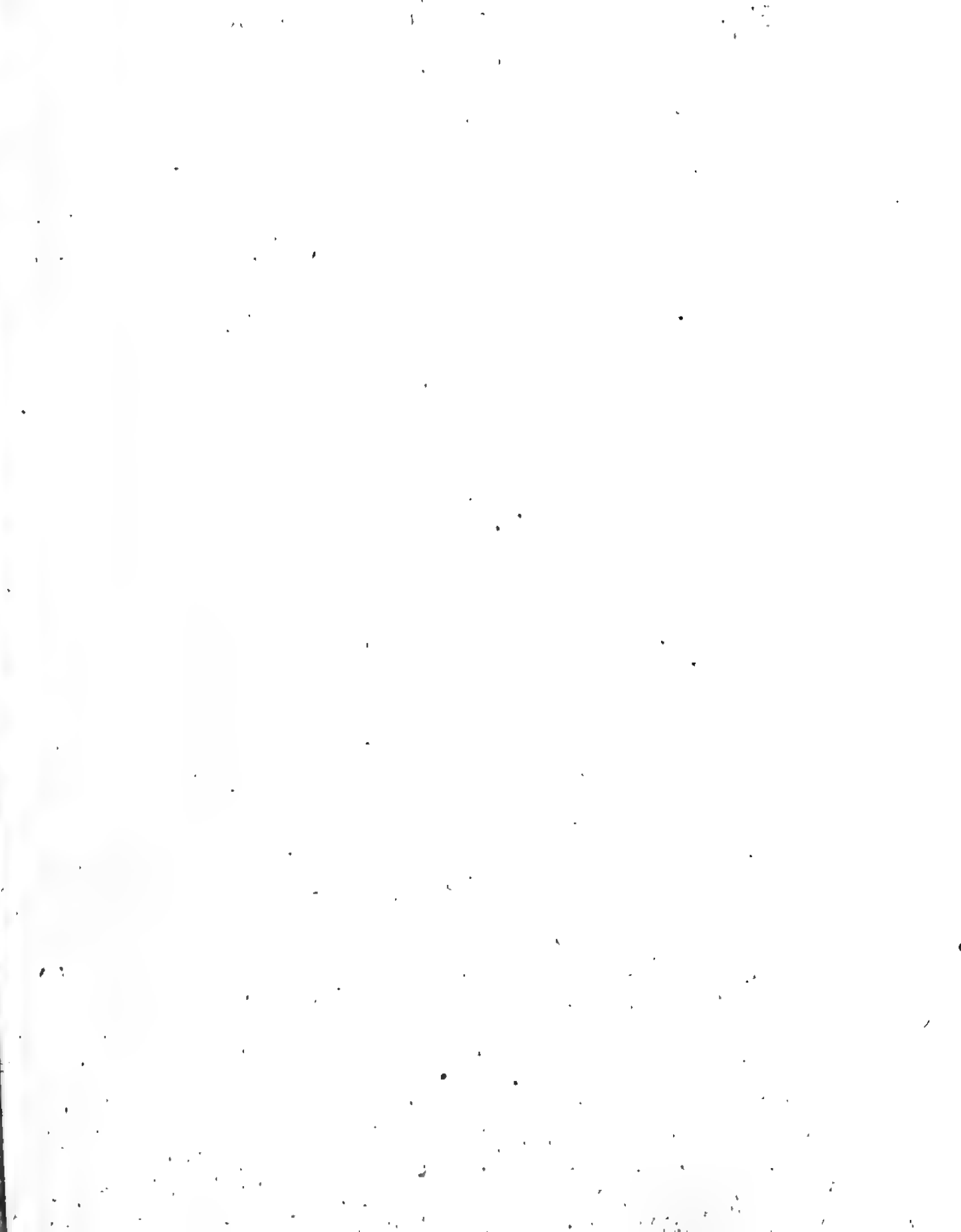
**PLANS FOR FUTURE BUILDING**  
**AND**  
**ARRANGEMENT OF COLLECTIONS**

**SECOND EDITION**

**MAY, 1912**



**STATISTICS TO ACCOMPANY  
BUILDING PLANS  
OF THE  
AMERICAN MUSEUM OF NATURAL HISTORY**



In connection with the application for an appropriation of \$550,000 to complete the Southeast Wing and Court Building, the Trustees present to the Board of Estimate and Apportionment the following statistics relative to the operation of The American Museum of Natural History.

HENRY FAIRFIELD OSBORN,

President.

June 1, 1912.





# AMERICAN MUSEUM OF NATURAL HISTORY

## APPROPRIATIONS AND COST OF BUILDING

May 1, 1912

| Period of Construction and Equipment | Amount         | Construction Contract                                | Equipment and Furnishing | Fees         | Total Cost     |
|--------------------------------------|----------------|--|--------------------------|--------------|----------------|
| 1876-77                              | \$500,000.00   | Iron Work - - - - - \$287,841.50                     |                          |              |                |
|                                      |                | Mason Work - - - - - 131,483.00                      |                          |              |                |
|                                      | 200,000.00     | Carpenter Work - - - - 38,915.76                     |                          |              |                |
|                                      |                | Plastering, Plumbing, Slating and Tiling { 41,091.00 |                          |              |                |
|                                      |                | 499,331.26   | \$181,665.91             | \$19,002.83  | \$700,000.00   |
| 1888-91                              | 400,000.00     | 354,186.77   | 27,062.18                | 18,751.05    | 400,000.00     |
| 1890-91                              | 400,000.00     | 339,291.54   | 41,782.55                | 18,925.91    | 400,000.00     |
| 1893-95                              | 350,000.00     | 330,900.00   | 1,507.53                 | 17,592.47    | 350,000.00     |
| 1893                                 | 50,000.00      |  | 49,957.50                | 42.50        | 50,000.00      |
| 1894-95                              | 200,000.00     | 184,750.00   | 5,732.85                 | 9,517.15     | 200,000.00     |
| 1895-97                              | 500,000.00     |  |                          |              |                |
| Prem.                                | 11,775.00      | 334,900.00   | 152,727.82               | 24,147.18    | 511,775.00     |
| 1897-99                              | 500,000.00     |  |                          |              |                |
| Prem.                                | 29,002.50      | 364,500.00   | 142,846.51               | 21,655.99    | 529,002.50     |
| 1899-1900                            | 500,000.00     |  |                          |              |                |
| Prem.                                | 26,532.50      | 471,400.00   | 31,540.85                | 23,591.65    | 526,532.50     |
| 1900                                 | 350,000.00     |  | 332,500.00               | 17,500.00    | 350,000.00     |
| 1903-04                              | 200,000.00     |  |                          |              |                |
| Prem.                                | 1,136.10       | 189,299.00   | 2,063.17                 | 9,773.93     | 201,136.10     |
| 1903-06                              | 188,000.00     |  |                          |              |                |
| Prem.                                | 1,284.21       | 145,009.00   | 37,236.74                | 7,038.47     | 189,284.21     |
| 1906-08                              | 500,000.00     |  |                          |              |                |
| Prem.                                | 11,090.63      | 351,600.00   | 133,983.08               | 25,507.55    | 511,090.63     |
| 1909                                 | 100,000.00     |  |                          |              |                |
| Prem.                                | 1,000.54       |  | 101,000.54               |              | 101,000.54     |
| 1911                                 | 200,000.00*    | Foundations 49,322.81                                |                          | 2,466.14     | 51,788.95      |
|                                      |                |  | 16,570.04                |              | 16,570.04      |
|                                      | 75,000.00*     |  |                          |              |                |
|                                      | \$5,294,821.48 | \$3,614,490.38                                       | \$1,258,177.27           | \$215,512.82 | \$5,088,180.47 |

\*Contracts and Orders pending will exhaust this appropriation.



# AMERICAN MUSEUM OF NATURAL HISTORY

## TOTAL EXPENDITURES FOR 10 YEARS

|      | From<br>Contributions<br>by the City for<br>Maintenance | From<br>Contributions<br>by Trustees<br>and Friends of<br>the Museum<br>for Main. and<br>Collections | GRAND<br>TOTALS       |
|------|---|--|-----------------------|
| 1903 | 160,000.00  | 96,598.32  | 256,598.32            |
| 1904 | 160,000.00  | 86,302.38  | 246,302.38            |
| 1905 | 160,000.00  | 90,594.79  | 250,594.79            |
| 1906 | 170,000.00  | 126,065.35   | 296,065.35            |
| 1907 | 160,000.00  | 148,815.58   | 308,815.58            |
| 1908 | 159,930.62  | 135,785.26   | 295,715.88            |
| 1909 | 180,000.00  | 182,439.86   | 362,439.86            |
| 1910 | 185,757.00  | 186,364.87   | 372,121.87            |
| 1911 | 189,757.00  | 248,341.48   | 438,098.48            |
| 1912 | 195,000.00  | 263,761.60   | 458,761.60            |
|      | <u>\$1,720,444.62</u>                                   | <u>\$1,565,069.49</u>  | <u>\$3,285,514.11</u> |

The amount estimated for expenditures for 1912 is the approved Budget of \$398,731.92 and available funds in Special Funds as of May 1, 1912.

|  |                     |
|--|---------------------|
| Estimated Expenditures for 1912  |                     |
| From the City for Maintenance  | \$195,000.00        |
| From Contributions by Trustees<br>and Friends of the Museum  | 263,761.60          |
| Total from all sources   | <u>\$458,761.60</u> |
| <i>The Total Contributions by Trustees and Friends<br/>exceed the City Appropriation of \$195,000 by</i> | \$68,761.60         |



# AMERICAN MUSEUM OF NATURAL HISTORY

## MAINTENANCE OF MUSEUM BY JOINT EXPENDITURE OF CITY AND TRUSTEES

|      | Appropriations<br>by the City | Appropriations †<br>by the Trustees | TOTAL                 |
|------|-------------------------------|-------------------------------------|-----------------------|
| 1903 | 160,000.00                    | 7,368.54                            | 167,368.54            |
| 1904 | 160,000.00                    | 8,158.69                            | 168,158.69            |
| 1905 | 160,000.00                    | 19,506.41                           | 179,506.41            |
| 1906 | 170,000.00                    | 2,924.04                            | 172,924.04            |
| 1907 | 160,000.00                    | 26,828.52                           | 186,828.52            |
| 1908 | 159,930.62                    | 33,475.97                           | 193,406.59            |
| 1909 | 180,000.00                    | *36,652.01                          | 216,652.01            |
| 1910 | 185,757.00                    | *43,502.38                          | 229,259.38            |
| 1911 | 189,757.00                    | *64,131.10                          | 253,888.10            |
| 1912 | 195,000.00                    | *80,900.00                          | 275,900.00            |
|      | <u>\$1,720,444.62</u>         | <u>\$323,447.66</u>                 | <u>\$2,043,892.28</u> |

\*Beginning in 1909 the sums of money contributed by the Trustees have been paid direct from General Account.

†In the above column of 'Appropriations by the Trustees' *are included only* items which might legally (Statute of 1905) be paid by the City had appropriations been sufficient. Other administrative expenditures, field salaries, field expenses, pensions, publications, etc., *are not included*.



## AMERICAN MUSEUM OF NATURAL HISTORY

### ANALYSIS OF EXPENDITURES IN 1911

|  | BY THE CITY         | By the<br>Trustees and<br>Friends of the<br>Museum | TOTAL               |
|--|---------------------|--|---------------------|
| General Administration<br>and Maintenance    | \$176,266.22        | \$28,856.07  | \$205,122.29        |
| Care of Exhibition Halls<br>and Collections  | 1,919.97            | 38,824.64  | 40,744.61           |
| Scientific Publication<br>and Research       |                     | 39,152.62  | 39,152.62           |
| Library                                      | 7,640.00            | 9,666.20   | 17,306.20           |
| Exploration and Purchase<br>of Collections   |                     | 92,880.16  | 92,880.16           |
| Museum Extension System<br>to Public Schools | 3,930.81            | 7,024.58   | 10,955.39           |
|  | <u>\$189,757.00</u> | <u>\$216,404.27</u>                                | <u>\$406,161.27</u> |





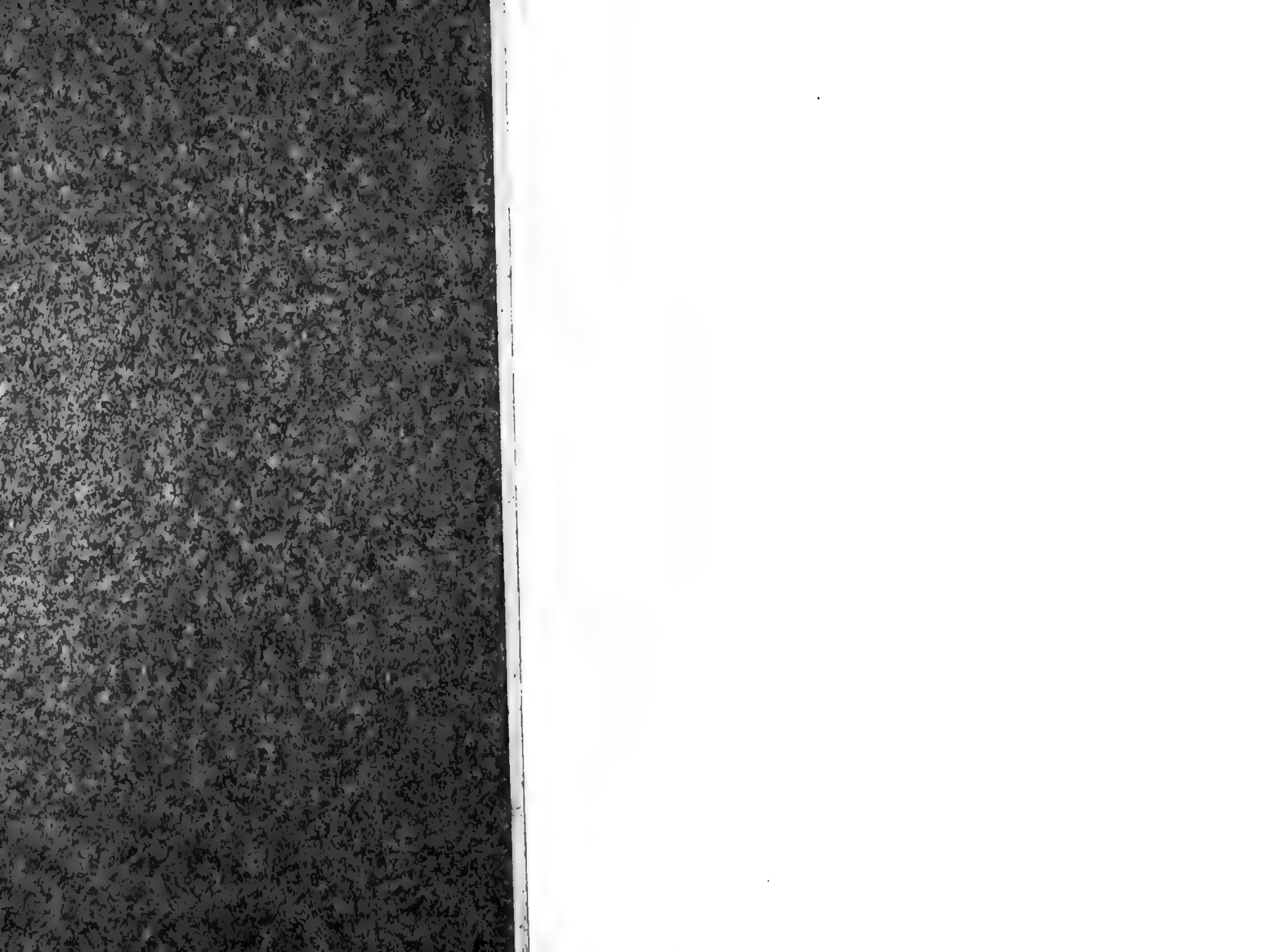
## AMERICAN MUSEUM OF NATURAL HISTORY

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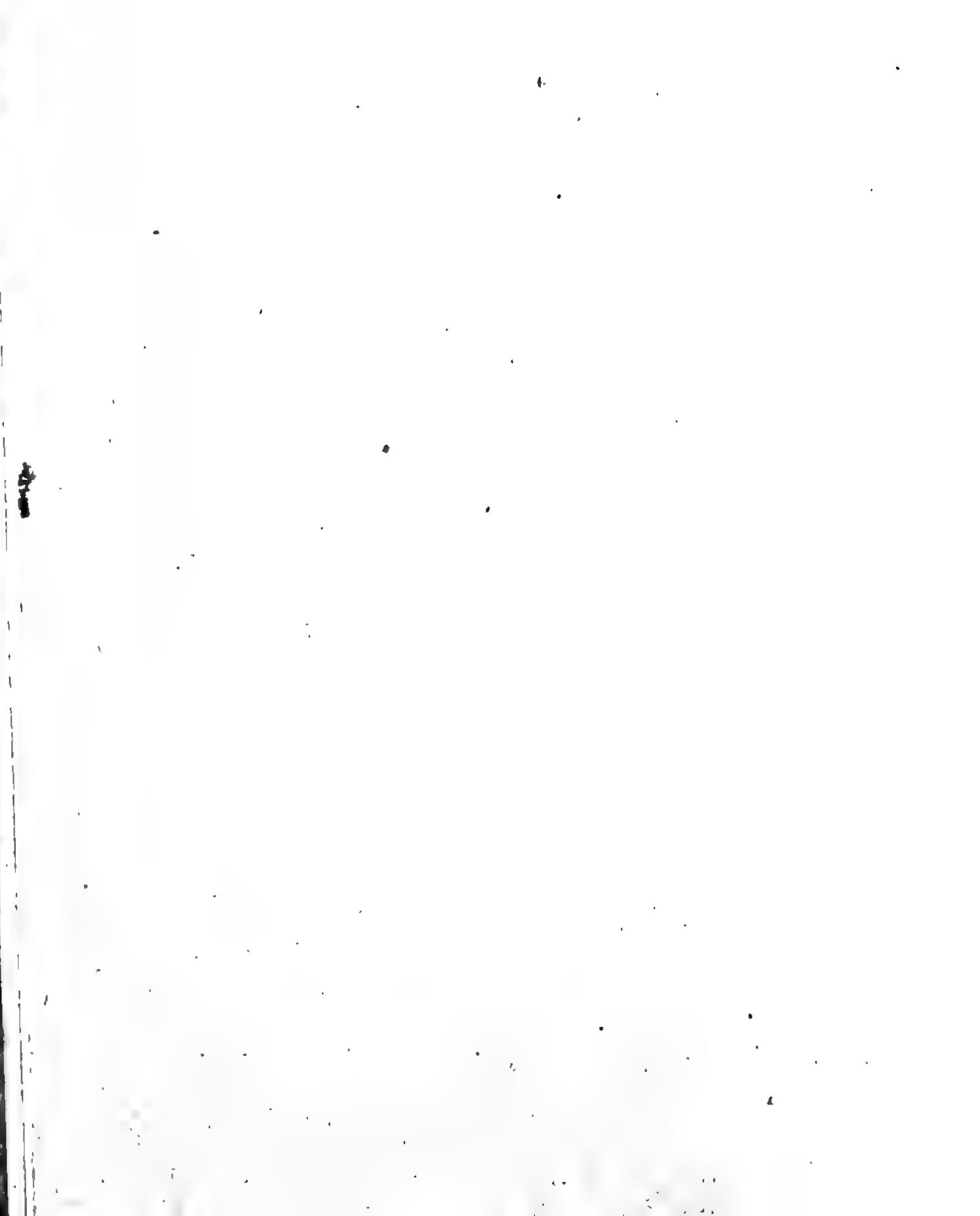
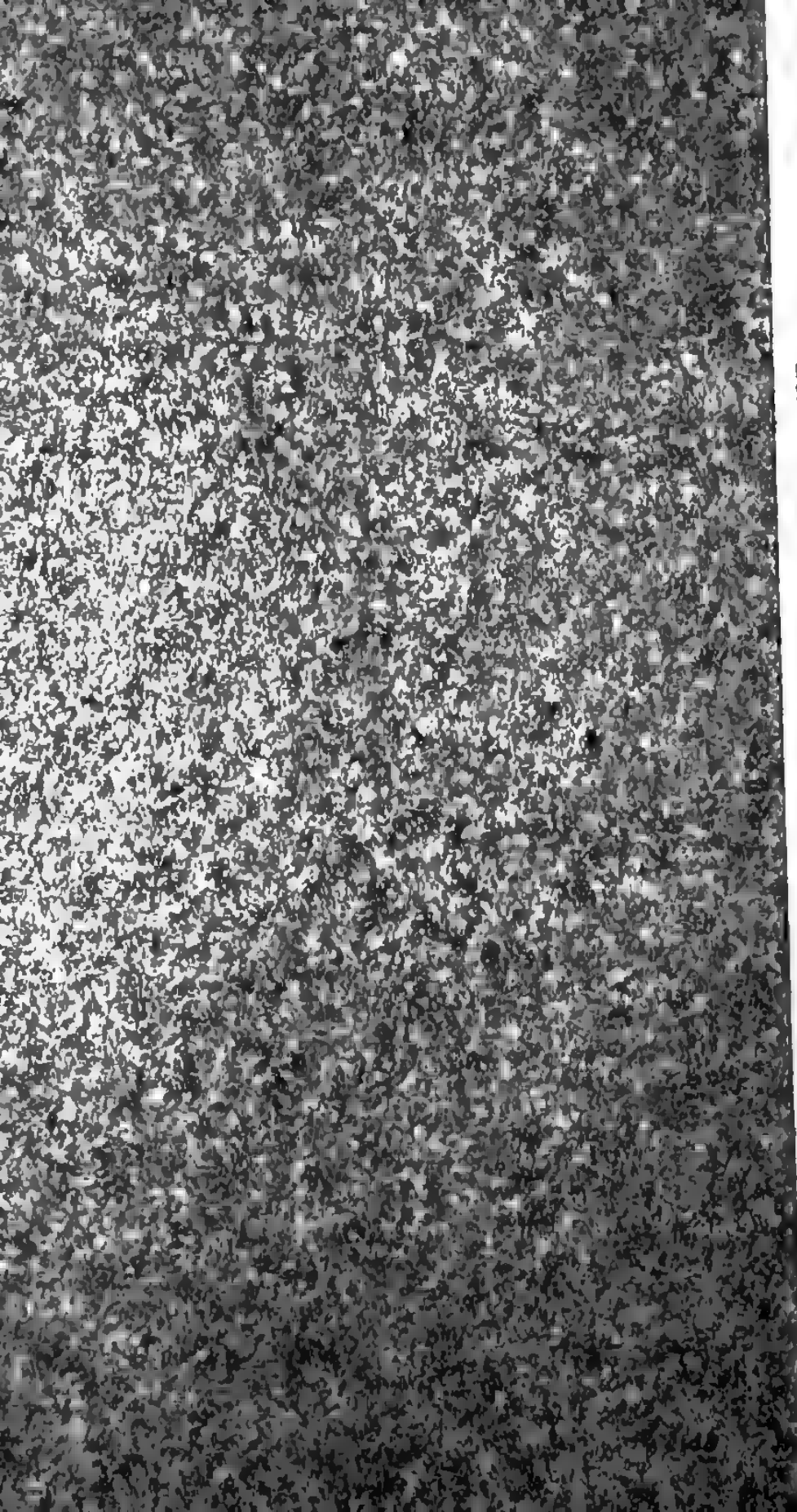
### STATISTICS OF NUMBERS REACHED BY MUSEUM'S FREE EXTENSION SYSTEM IN 1910 AND 1911

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|   | 1910            | 1911            |
|---|-----------------|-----------------|
| Board of Education Lectures   | 43,549          | 40,067          |
| Children's Lectures   | 9,242           | 22,797          |
| Children's Room and Mrs. Roesler's<br>Special Lectures              | 6,368           | 7,138           |
| Classes visiting the Museum<br>for General Study                    | 9,284           | 9,444           |
| Meetings of Scientific Societies and other<br>Meetings and Lectures | 58,926          | 76,132          |
| <hr/>   |                 |                 |
| General Attendance for all purposes                                 | 613,152         | 724,141         |
| Number of Pupils reached by<br>Circulating Collections              | 839,089         | 1,253,435       |
|   | <hr/> 1,452,241 | <hr/> 1,977,576 |











**GROWTH OF THE BUILDING**  
**OF THE**  
**AMERICAN MUSEUM OF NATURAL HISTORY**

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**PLANS FOR FUTURE BUILDING**  
**AND**  
**ARRANGEMENT OF COLLECTIONS**

**SECOND EDITION**

**MAY, 1912**

Submitted to the  
Trustees and Members of the Board of Estimate and Apportionment  
by the  
President and Building and Plans Committee  
May 6, 1912



THE ARSENAL IN CENTRAL PARK. First Home of the Museum, 1870-1877



## The Arsenal in Central Park

FIRST HOME OF THE MUSEUM, 1870-1877

Site—Second and third floors of the Arsenal.

President—John David Wolfe.

Mayor—A. Oakey Hall.

Comptroller—Andrew H. Green.

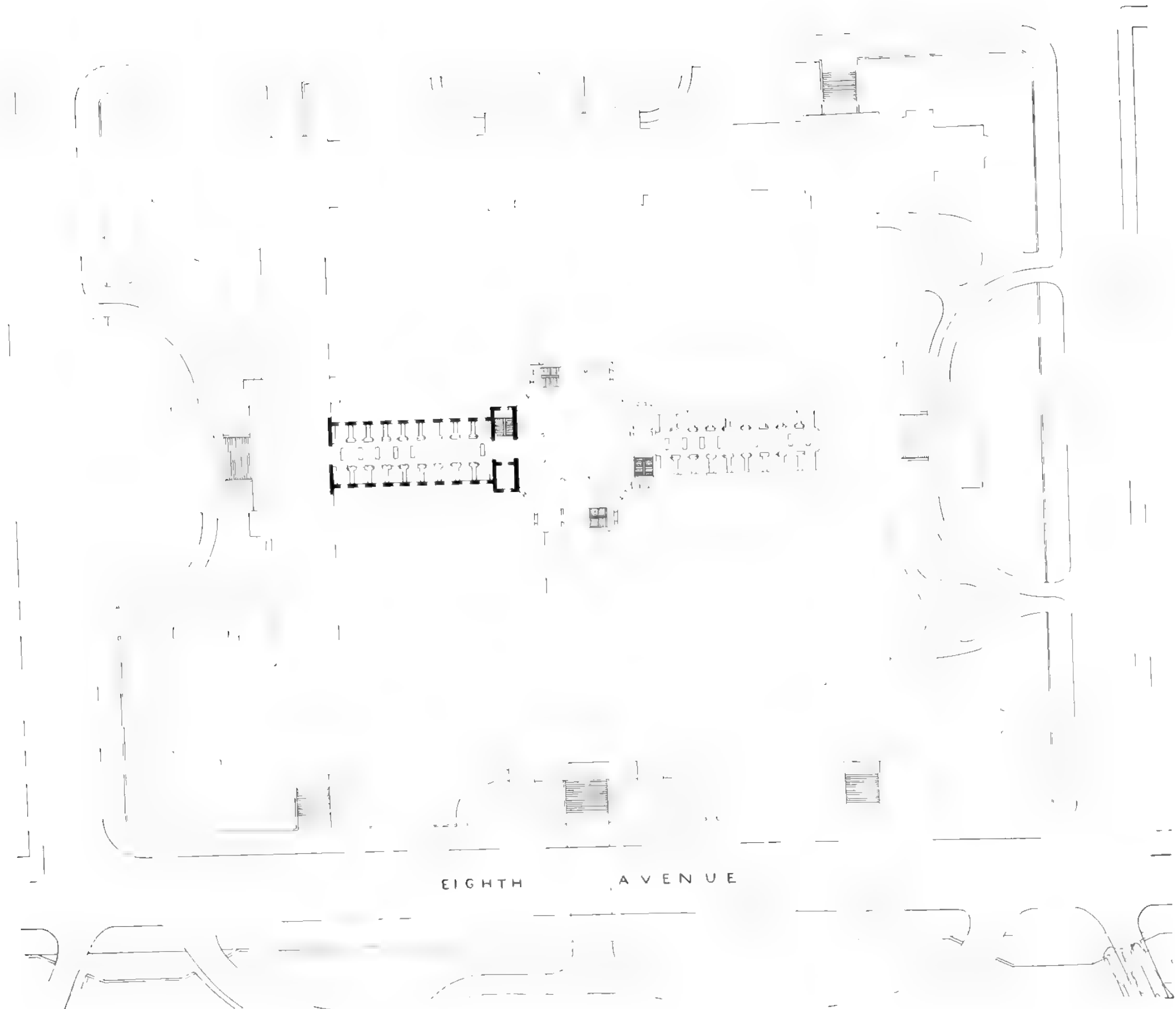
The American Museum of Natural History was founded and incorporated in 1869 for the purpose of establishing and maintaining a Museum and Library of Natural History; of encouraging and developing the study of Natural Science; of advancing the general knowledge of kindred subjects, and to that end of furnishing popular instruction. For eight years its temporary home was in the Arsenal in Central Park.

### PREPARATION OF PERMANENT PLANS

In 1871 the Legislature passed an act authorizing the Department of Parks to contract for, erect, and maintain in and upon that portion of the Central Park known as Manhattan Square, or any other public park, square or place in said city, a suitable fireproof building for the purpose of establishing and maintaining therein, under rules and regulations to be prescribed by the said Board from time to time, a museum of natural history to be occupied by the American Museum of Natural History.

Manhattan Square was finally chosen as the site of the Museum building. It comprises about eighteen acres of land, and at that time was quite inaccessible from the lower part of the city. Several architects were invited to submit designs for the building, and finally Calvert Vaux was selected as the architect. His design contemplated for the entire edifice a hollow square whose sides were to be formed of four great buildings 700 feet long, ornate in material and detail, and distinguished by large entrances of architectural dignity and strength.

In general the plan of Mr. Vaux is one that is being followed at the present time.



EIGHTH AVENUE

7

FACSIMILE OF INDORSEMENT OF OLNSTED PLAN OF MANHATTAN SQUARE  
ON OPPOSITE PAGE

DIAGRAM

Indicating proposed modification of the  
design of Central Park, in adaptation to  
requirements growing out of the proposed  
improvements on Manhattan Square.

September 17<sup>th</sup> 1875

Fred. Law Olmsted

Senior Architect

In Board, September 17, 1875

Approved and the design provisionally  
adopted, except in respect to the archway, foot  
approaches to Manhattan Square.

Wm. Irwin

Secretary D. P. P.



THE MUSEUM. South Transept. The first portion of the Museum and a part of Manhattan Square  
as they appeared in 1877-1889

## The Museum—South Transept

President —Robert L. Stuart.

Mayors—A. Oakey Hall (1869-1872). William H. Wickham (1875-1876).

Comptroller—Andrew H. Green.

Park Commissioner —Henry G. Stebbins (1871).

Corner-stone laid by President U. S. Grant, June 2, 1874.

Construction period, 1874-1877.

|   |              |              |              |
|---|--------------|--------------|--------------|
| Appropriation by the City, Chapter 290, Laws of 1871                                  |              | \$500,000.00 |              |
| Appropriation by the City, Chapter 315, Laws of 1875                                  |              | 200,000.00   | \$700,000.00 |
| Contract price for iron work  | \$287,841.50 |              |              |
| Contract price for mason's work   | 131,183.00   |              |              |
| Balance for plastering, plumbing, heating, lighting, tiling,<br>cases, painting, etc. | 280,675.50   |              | \$700,000.00 |
| Contract awarded, July 24, 1873.  |              |              |              |
| Last payment, August 2, 1877.   |              |              |              |
| Floor area, 71,426 square feet, including cellar and attic used as storage rooms.     |              |              |              |

Architect —Calvert Vaux.



THE MUSEUM. Central Section of South Façade, 1889-1893

## Central Section of South Façade

(SOUTH ENTRANCE)

President—Morris K. Jesup.

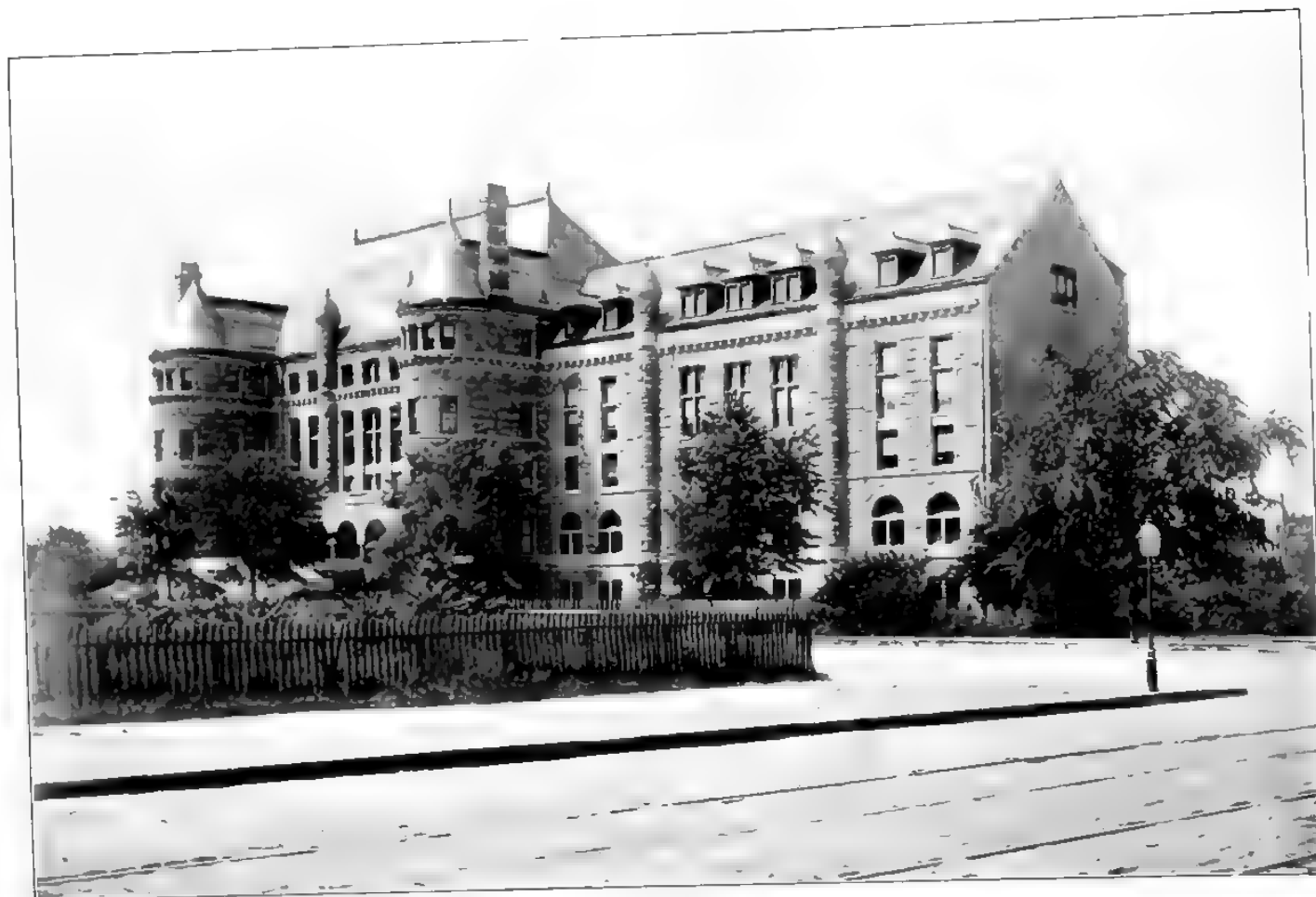
Mayors—Abram S. Hewitt (1887-1888).    Hugh J. Grant (1889-1892).

Comptrollers—Edward V. Loew (1887).    Theodore W. Meyers (1889-1893).

Park Commissioners—M. C. D. Borden (1887).    J. Hampden Robb (1889).

|  |   |   |   |   |   |   |              |              |              |  |
|--|---|---|---|---|---|---|--------------|--------------|--------------|--|
| Appropriation by the City, Chapter 44, Laws of 1887, for Central Section and East Transept | - | - | - | - | - | - | -            | \$400,000.00 |              |  |
| Appropriation by the City, Chapter 89, Laws of 1889, for West Transept, stoop and entrance | - | - | - | - | - | - | -            | 100,000.00   | \$800,000.00 |  |
| Contract price for building Central Section and East Transept                              | - |   |   |   |   |   | \$338,254.50 |              |              |  |
| Balance for excavation, cases, etc.  | - | - | - | - | - |   | 61,745.50    | \$400,000.00 |              |  |
| Contract awarded, October 8, 1888.   |   |   |   |   |   |   |              |              |              |  |
| Last payment, May 12, 1891.  |   |   |   |   |   |   |              |              |              |  |
| Contract price for building West Transept, stoop and entrance                              |   |   |   |   |   |   | \$339,291.54 |              |              |  |
| Balance for cases, fees, etc.  | - | - | - | - | - |   | 60,708.46    | 100,000.00   | \$800,000.00 |  |
| Contract awarded, February 4, 1890.  |   |   |   |   |   |   |              |              |              |  |
| Last Payment, September 23, 1891.  |   |   |   |   |   |   |              |              |              |  |
| Floor area, 69,405 square feet, including cellar and attic used for storage.               |   |   |   |   |   |   |              |              |              |  |

Architect—J. C. Cady & Co.



THE MUSEUM. East Wing of South Façade, 1893-1895



## East Wing of South Facade

President—Morris K. Jesup.

Mayors—Hugh J. Grant (1889-1892). Thomas F. Gilroy (1893-1894).

Comptrollers—Theodore W. Meyers (1889-1893). Ashbel P. Fitch (1894-1897).

Park Commissioners—Paul Dana (1892). A. B. Tappen (1893). George C. Clausen (1894).

|  |              |              |              |
|--|--------------|--------------|--------------|
| Appropriation by the City, Chapter 423, Laws of 1892               |              | \$350,000.00 |              |
| Appropriation by the City, Chapter 448, Laws of 1893               |              | 50,000.00    |              |
| Appropriation by the City, Chapter 63, Laws of 1894                |              | 4200,000.00  | \$600,000.00 |
| Contract price for building  | \$330,900.00 |              |              |
| Balance for fees, etc.   | 19,100.00    | \$350,000.00 |              |
| Contract awarded, July 19, 1893.                                   |              |              |              |
| Last payment, August 26, 1895.                                     | \$48,103.36  |              |              |
| Reimbursement amount   | 1,896.64     | 50,000.00    |              |
| Balance for fees, etc.   | \$184,750.00 |              |              |
| Contract price for building  | 15,250.00    | 200,000.00   | \$600,000.00 |
| Balance for fees, etc.   |              |              |              |
| Contract awarded, June 29, 1894.                                   |              |              |              |
| Last payment, September 3, 1895.                                   |              |              |              |
| Floor area, 52,998 square feet, including cellar used for storage. |              |              |              |

Architect—J. C. Cady & Co.

\* This amount was paid to the Trustees in reimbursement for payments made for several years for cases, repairs, etc., to various portions of entire building.

† Completion of enlargement (refers principally to the East Wing).



Southwest Corner Wing

West Wing

Central Section - South Entrance

East Wing

Southeast Corner Wing

THE MUSEUM. South Façade. Exterior completed in 1899

## West Wing of South Façade

President—Morris K. Jesup.

Mayor—William L. Strong.

Comptroller—Ashbel P. Fitch.

Park Commissioner—David H. King.

|  |              |              |
|--|--------------|--------------|
| Appropriation by the City for West Wing, Chapter 235, Laws of 1895 | \$500,000.00 |              |
| Premium from sale of bonds   | 11,775.00    | \$511,775.00 |
| Contract for building  | \$344,900.00 |              |
| Balance for cases, fees, repairs, etc.                             | 166,875.00   | \$511,775.00 |
| Contract awarded, October 1, 1895.                                 |              |              |
| Last payment, June 28, 1897.                                       |              |              |
| Floor area, 52,998 square feet, including cellar used for storage. |              |              |

Architect—J. C. Cady & Co.

## Southeast Corner Wing

President—Morris K. Jesup.

Mayor—William L. Strong.

Comptroller—Ashbel P. Fitch.

Park Commissioner—S. Van Rensselaer Cruger.

|   |   |   |   |   |   |              |              |              |
|---|---|---|---|---|---|--------------|--------------|--------------|
| Appropriation by the City for Southeast Corner Wing, Chapter 175, Laws<br>of 1896 | - | - | - | - | - | -            | \$500,000.00 |              |
| Premium from sale of bonds  | - | - | - | - | - | -            | 29,002.50    | \$529,002.50 |
| Contract for building   | - | - | - | - | - | \$364,500.00 |              |              |
| Balance for cases, repairs, fees, etc.  | - | - | - | - | - | 164,502.50   |              | \$529,002.50 |

Contract awarded, September 2, 1897.

Last payment, December 7, 1899.

Floor area, 19,416 square feet, including cellar and two attics used for storage.

Architect—Cady, Berg & See.

### Southwest Corner Wing

President—Morris K. Jesup.

Mayor—William L. Strong.

Comptroller—Ashbel P. Fitch.

Park Commissioner—Samuel McMillan.

|   |   |   |   |              |              |              |
|---|---|---|---|--------------|--------------|--------------|
| Appropriation by the City for Southwest Corner Wing and Lecture Hall,                           |   |   |   |              | \$500,000.00 |              |
| Chapter 213, Laws of 1897   | - | - | - | -            | 26,532.50    | \$526,532.50 |
| Premium on sale of bonds  | - | - | - | -            |              |              |
| Contract price for Southwest Wing   | - | - | - | \$362,500.00 |              |              |
| Contract price for Lecture Hall   | - | - | - | 108,900.00   |              |              |
| Balance used for fees, furnishing, repairs, etc.  | - | - | - | 55,132.50    | \$526,532.50 |              |
| Contract awarded for Southwest Wing, October 14, 1897.  |   |   |   |              |              |              |
| Last payment for Southwest Wing, December 8, 1899.  |   |   |   |              |              |              |
| Contract awarded for Lecture Hall, October 6, 1899.   |   |   |   |              |              |              |
| Last payment, 1900.   |   |   |   |              |              |              |
| Floor area of Southwest Corner Wing, including two attics used for storage, 49,416 square feet. |   |   |   |              |              |              |
| Floor area of Lecture Hall, 15,954 square feet.   |   |   |   |              |              |              |
| Seating capacity of Lecture Hall, 1,500.  |   |   |   |              |              |              |

Architect—Cady, Berg & See.

### Supplementary Equipment and Casing of South Façade

President—Morris K. Jesup.

Mayor—Robert A. Van Wyck.

Comptroller—Bird S. Coler.

Park Commissioner—George C. Clausen.

|  |  |  |  |  |              |  |
|--|--|--|--|--|--------------|--|
| Appropriation by the City for the completion of buildings, cases, painting, tiling, pedestals, and equipping new building (Southwest Wing), as the contract was for the building without sash, trim, tile, painting, etc., and also for the repairs and alterations to all the buildings constructed at that time, Chapter 185, Laws of 1900 |  |  |  |  | \$350,000.00 |  |
|--|--|--|--|--|--------------|--|



THE MUSEUM. REAR VIEW OF BUILDING. † Heating and Lighting Plant. (⊕) Lecture Hall

## Heating and Lighting Plant

President—Morris K. Jesup.

Mayor—Seth Low.

Comptroller—Edward M. Grout.

Park Commissioner—William R. Willecox.

|   |   |   |   |              |              |
|---|---|---|---|--------------|--------------|
| Appropriation by the Board of Aldermen for the construction and installation of a new Heating and Lighting Plant, July 22, 1902 | - | - | - | \$200,000.00 |              |
| Premium from sale of bonds  | - | - | - | 1,136.10     | \$201,136.10 |
| Contract price for building   | - | - | - | \$189,299.00 |              |
| Balance for fees, etc.  | - | - | - | 11,837.10    | \$201,136.10 |
| Floor area of Engine Room, 13,206 square feet.  |   |   |   |              |              |
| Floor area of Pump and Boiler Room, 8,094 square feet.  |   |   |   |              |              |
| Floor area of Approaches, 6,288 square feet.  |   |   |   |              |              |
| Contract awarded, May 18, 1903.   |   |   |   |              |              |
| Last payment, November 14, 1904.  |   |   |   |              |              |
| Architect—Charles Volz.   |   |   |   |              |              |

## Supplementary Equipment, Casing and Construction

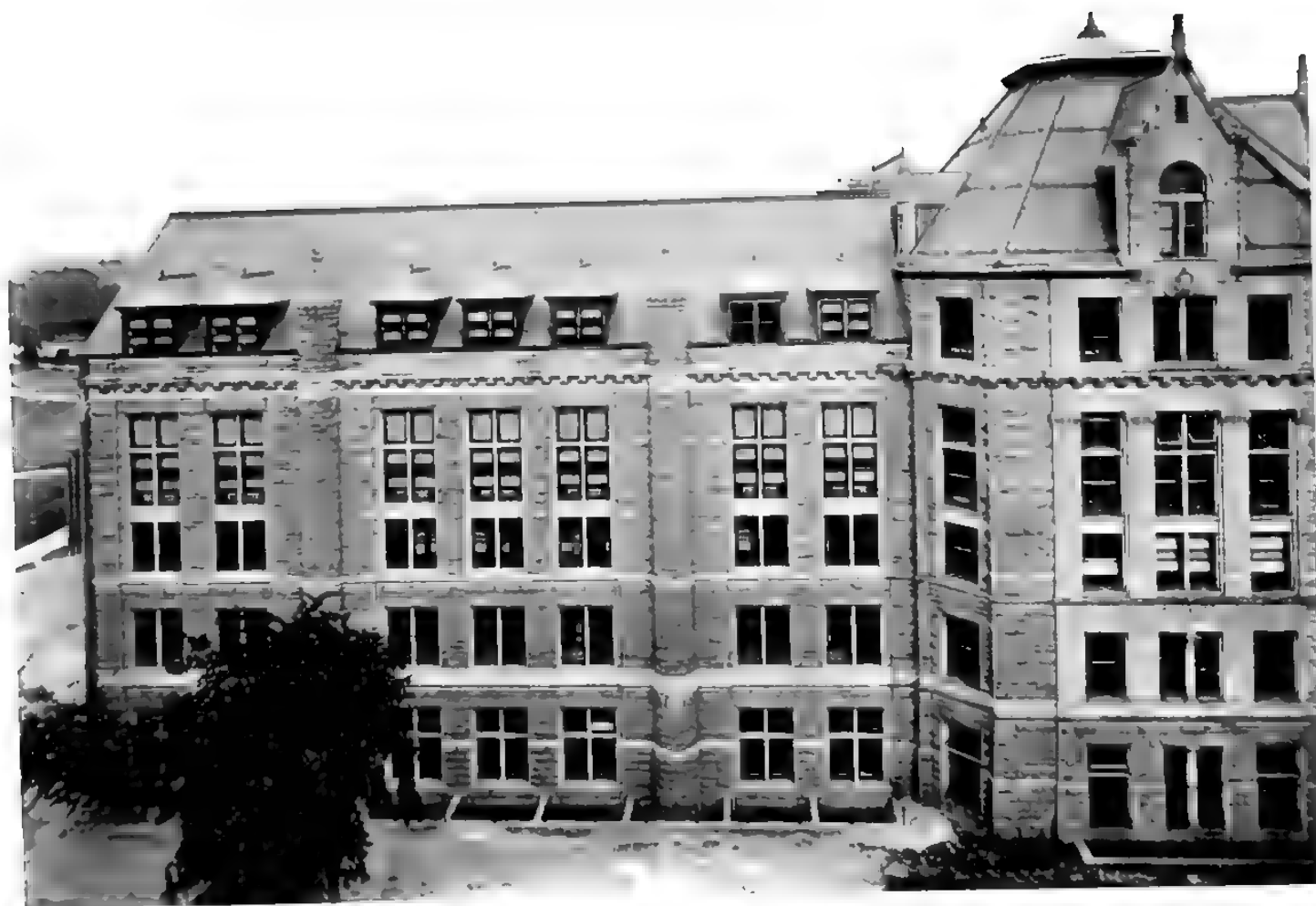
President—Morris K. Jesup.

Mayor—Seth Low.

Comptroller—Edward M. Grout.

Park Commissioner—William R. Willecox.

|   |   |   |   |              |              |
|---|---|---|---|--------------|--------------|
| Appropriation by the Board of Aldermen for the completion of the unfinished portions of the building, June 16, 1903 | - | - | - | \$188,000.00 |              |
| Premium from sale of bonds  | - | - | - | 1,284.21     | \$189,284.21 |



THE MUSEUM. South Wing of West Façade



### South Wing of West Façade, Service Road and Fire Lines

President—Morris K. Jesup.

Mayor—George B. McClellan.

Comptroller—Edward M. Grout.

Park Commissioner—John J. Pallas.

|   |              |              |
|---|--------------|--------------|
| Appropriation by the Board of Aldermen for the equipping and finishing of the buildings and the construction of additions thereto, April 11, 1905 | \$500,000.00 |              |
| Premium from sale of bonds  | 11,090.63    | \$511,090.63 |
| Contract price for South Wing of West Façade  | \$325,600.00 |              |
| Contract price for Service Road   | 26,000.00    |              |
| Contract price for Fire Lines (entire South Façade)   | 19,838.00    |              |
| Balance for equipment, etc.   | 139,652.63   | \$511,090.63 |

Main contract awarded, May 22, 1906.

Last payment, June 6, 1908.

Floor area, 64,163 square feet, including cellar and attics used for storage and workshops.

Architect—Charles Volz.

### Casing, Equipment and Construction, Chiefly of South Section of West Façade

President—Henry Fairfield Osborn.

Mayor—William J. Gaynor.

Comptroller—William A. Prendergast.

Park Commissioner—Charles B. Stover.

|   |              |
|---|--------------|
| Appropriation by the Board of Aldermen, July 13, 1909 | \$100,000.00 |
|---|--------------|



THE MUSEUM IN 1912

## Summary of Appropriations and Floor Areas, 1869-1912

|  |   | <i>Appropriations<br/>and Premiums</i> |  |                     |
|--|---|--|--|---------------------|
| Chapter 290, Laws of 1871                    | - | \$500,000.00                           | South Transept   | 71,126 square feet  |
| Chapter 315, Laws of 1875                    | - | 200,000.00                             | South Entrance   | 69,405 square feet  |
| Chapter 44, Laws of 1887                     | - | 100,000.00                             |  |                     |
| Chapter 89, Laws of 1889                     | - | 100,000.00                             |  |                     |
| Chapter 185, Laws of 1900                    | - | 350,000.00                             |  |                     |
| Chapter 423, Laws of 1892                    | - | 350,000.00                             | East Wing  | 52,998 square feet  |
| Chapter 448, Laws of 1893                    | - | * 50,000.00                            |  |                     |
| Chapter 63, Laws of 1894                     | - | 200,000.00                             | West Wing  | 52,998 square feet  |
| Chapter 235, Laws of 1895                    | - | 511,775.00                             | Southeast Corner Wing  | 49,416 square feet  |
| Chapter 175, Laws of 1896                    | - | 529,902.50                             | Southwest Corner Wing  | 49,416 square feet  |
| Chapter 213, Laws of 1897                    | - | 526,532.50                             | Lecture Hall   | 15,954 square feet  |
|  |   |  | Heating and Lighting Plant   | 21,300 square feet  |
| Ordinance, Board of Aldermen, July 22, 1902  |   | 201,136.10                             | Approaches   | 6,288 square feet   |
| Ordinance, Board of Aldermen, June 16, 1903  |   | * 189,284.21                           | South Wing, West Façade  | 64,463 square feet  |
| Ordinance, Board of Aldermen, April 11, 1905 |   | 511,090.63                             |  |                     |
| Ordinance, Board of Aldermen, July 13, 1909  |   | 101,000.51                             |  |                     |
|  |   |  |  | 153,361 square feet |
| or 10.407 acres of erected buildings         |   |  |  |                     |
| Ordinance, Board of Aldermen, July 31, 1911  |   | 200,000.00                             | For construction of a foundation for the Southeast Wing and Court Building |                     |
| Ordinance, Board of Aldermen, July 31, 1911  |   | 75,000.00                              | For permanent improvements   |                     |
| Grand total                                  | - | \$5,294,821.48                         |  |                     |

\* This amount was paid to the Trustees in reimbursement for payments made for several years for cases, repairs, etc., to various portions of entire building.

\*\* This amount was expended for the completion of the unfinished portions of the building.





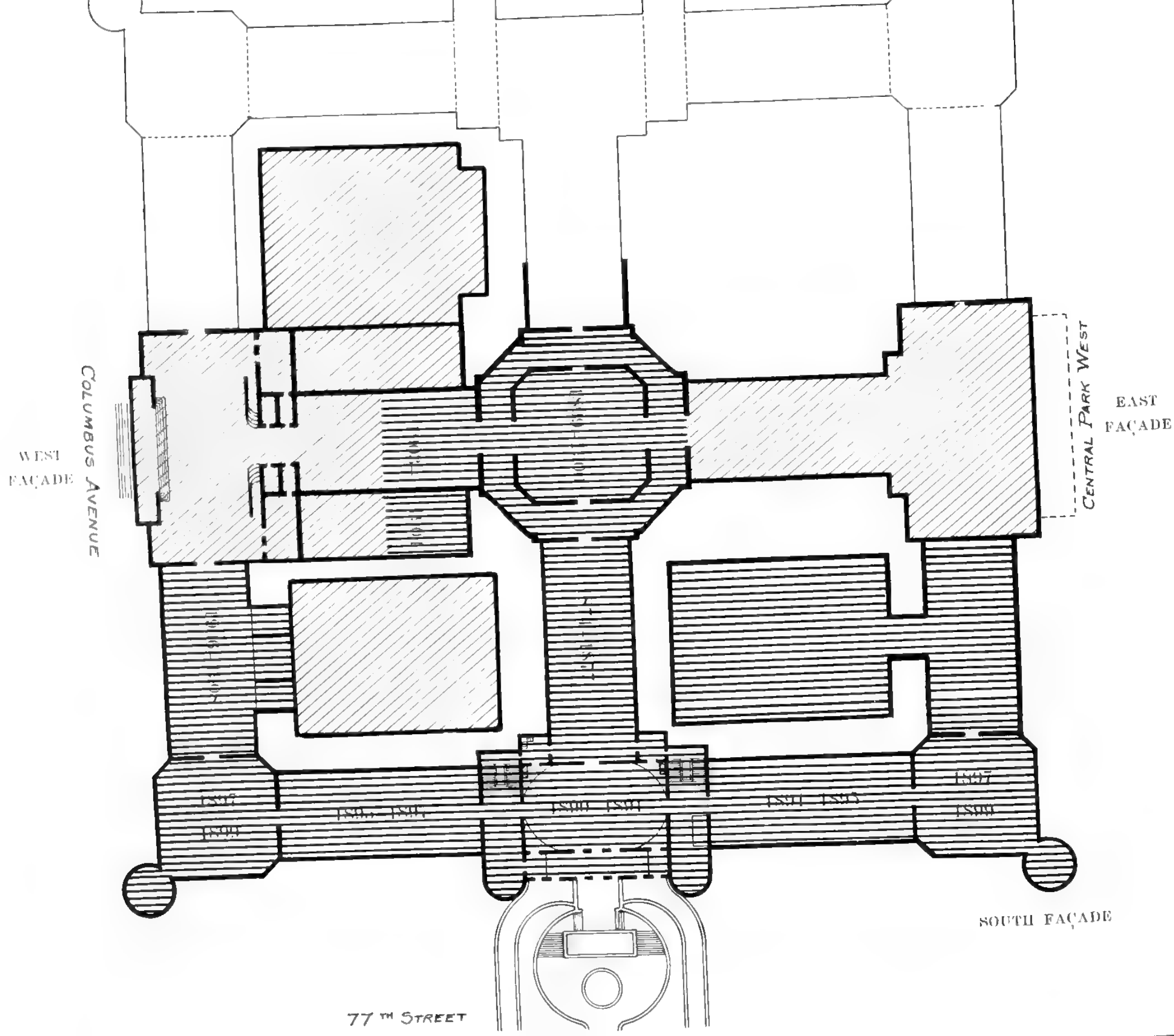


DESIGN FOR NEW EAST FAÇADE OF THE MUSEUM FACING CENTRAL PARK  
(Preliminary Sketch by Trowbridge & Livingston, Architects, submitted to the Trustees May 8, 1911)

### Plans for Extension of the Museum

The design presented on the opposite page is a preliminary study by Messrs. Trowbridge and Livingston, architects, for the new East Façade of the Museum, facing Central Park. The design has not been adopted either by the Committee on Building and Plans or by the Trustees, but its preparation at this stage is welcomed because of the opportunity which it affords for a prolonged and careful consideration of the artistic requirements of a monumental building, and of the scientific and educational requirements of ideally related exhibits within the building. The design of the East Façade contemplates the future incorporation of the Museum within the general design of Central Park by the construction of a broad entrance roadway from the West Drive.

In the design of this Eastern Façade, the architects have endeavored to retain the general Romanesque architecture of the Southern Façade, while modifying it in the direction of greater simplicity. It is obvious that a building of the vast proportions contemplated in the original plans of Calvert Vaux in 1871, and authorized by the Legislature in connection with the setting aside of Manhattan Square, must have an entrance of monumental size, and that this entrance must have a broad and dignified avenue of approach.





THE BERGIZ MUSEUM OF NATURAL HISTORY  
 OF THE  
 GROUND PLAN

Floor  
 Opposite railing  
 Projected (1915)  
 Completed or completed for  
 Horizontal railing

**GROUND PLAN**  
**OF THE**  
**AMERICAN MUSEUM OF NATURAL HISTORY**

|                   |                             |
|-------------------|-----------------------------|
| Horizontal ruling | Completed or contracted for |
| Oblique ruling    | - Projected (1912)          |
| Blank             | - - - Future                |

## Building Plan Adopted by Trustees

*Extract from the Minutes of the Meeting of May 8, 1911:*

RESOLVED, That the Trustees hereby adopt the general features of the ground plan for the extension of the Museum, as recommended in the President's *Plan and Scope Report*, as approved by the Building and Plans Committee of 1910 and as presented by the Building and Plans Committee of 1911.

RESOLVED, That the Executive Committee is hereby empowered to present this ground plan to the Board of Estimate and Apportionment at their coming meeting as expressing the judgment of the Trustees as to the wisest development of the Museum building during the next decade.

That the Trustees recommend to the Board of Estimate and Apportionment the construction of the building surrounding the two south courts, namely :

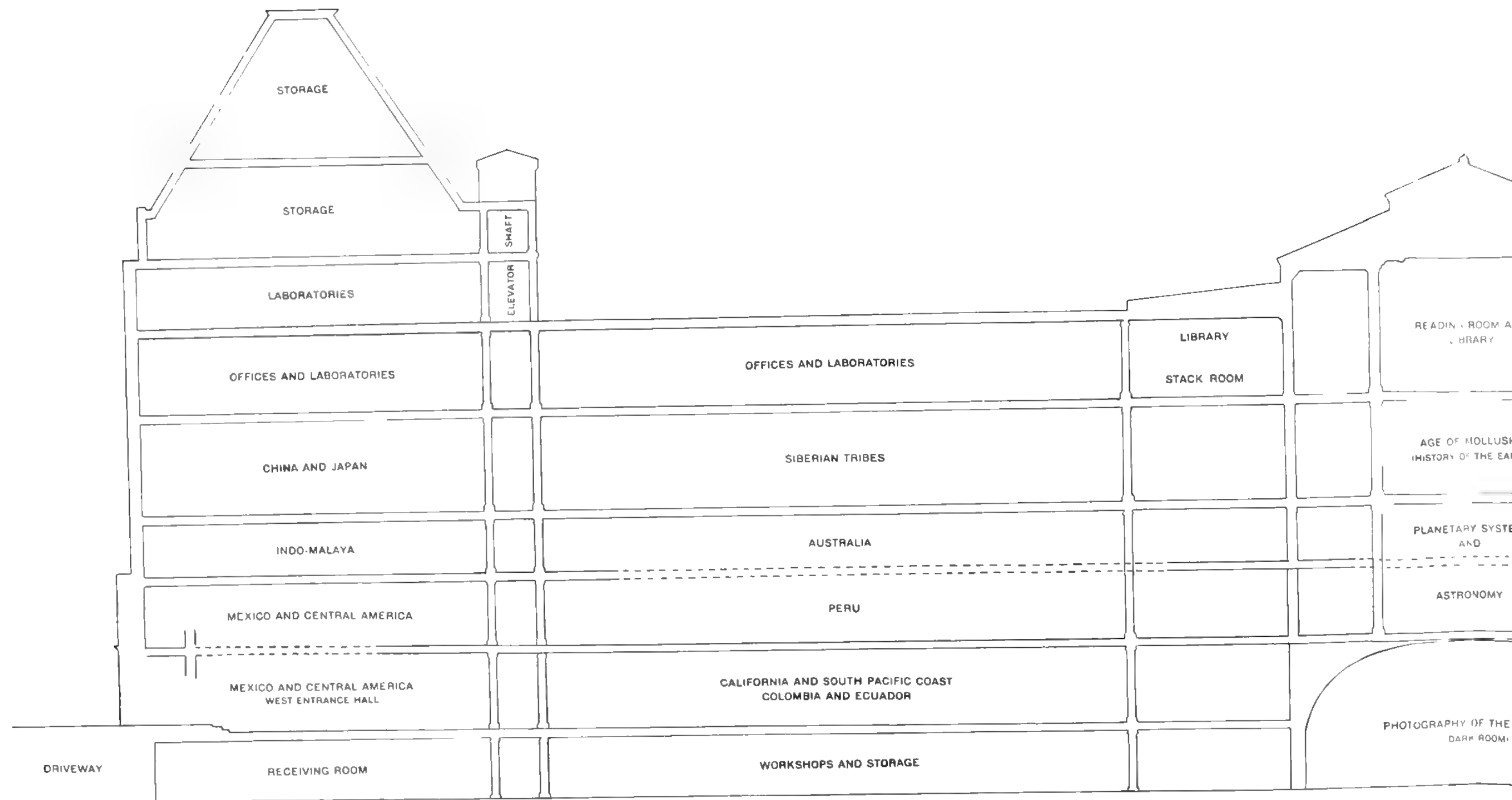
1. Southeast Wing and Court Building of the East Façade,
2. West Façade Entrance,
3. West Transept,
4. East Transept,
5. East Façade Entrance,
6. Central Rotunda,

in time to celebrate the fiftieth anniversary of the founding of the Museum in 1919, by the opening of the East Façade Entrance.

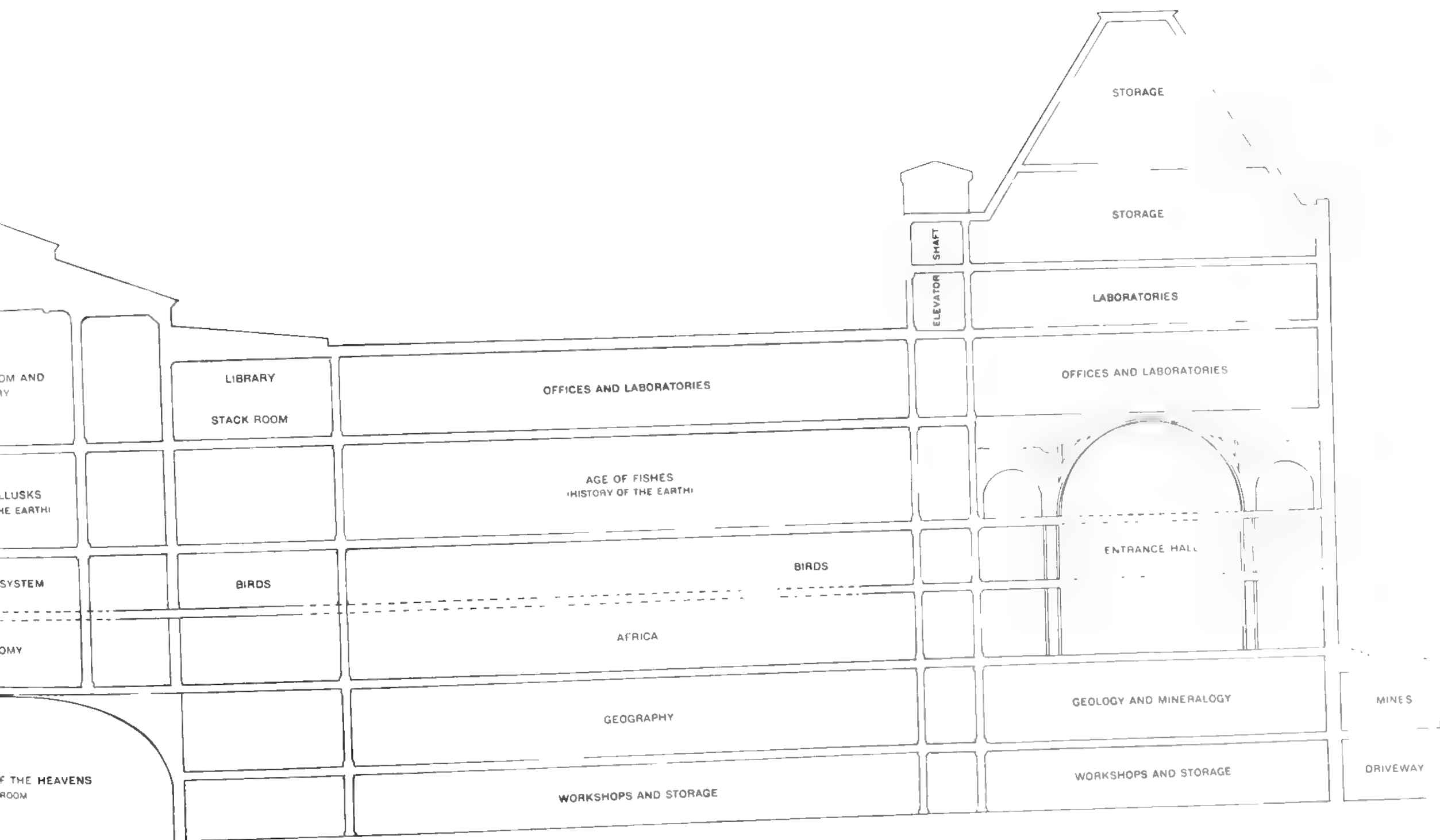
That the Trustees recommend the immediate erection of the Southeast Wing and Southeast Court Building.







EAST AND WEST SECTION THROUGH CR



CENTER OF PROPOSED BUILDING





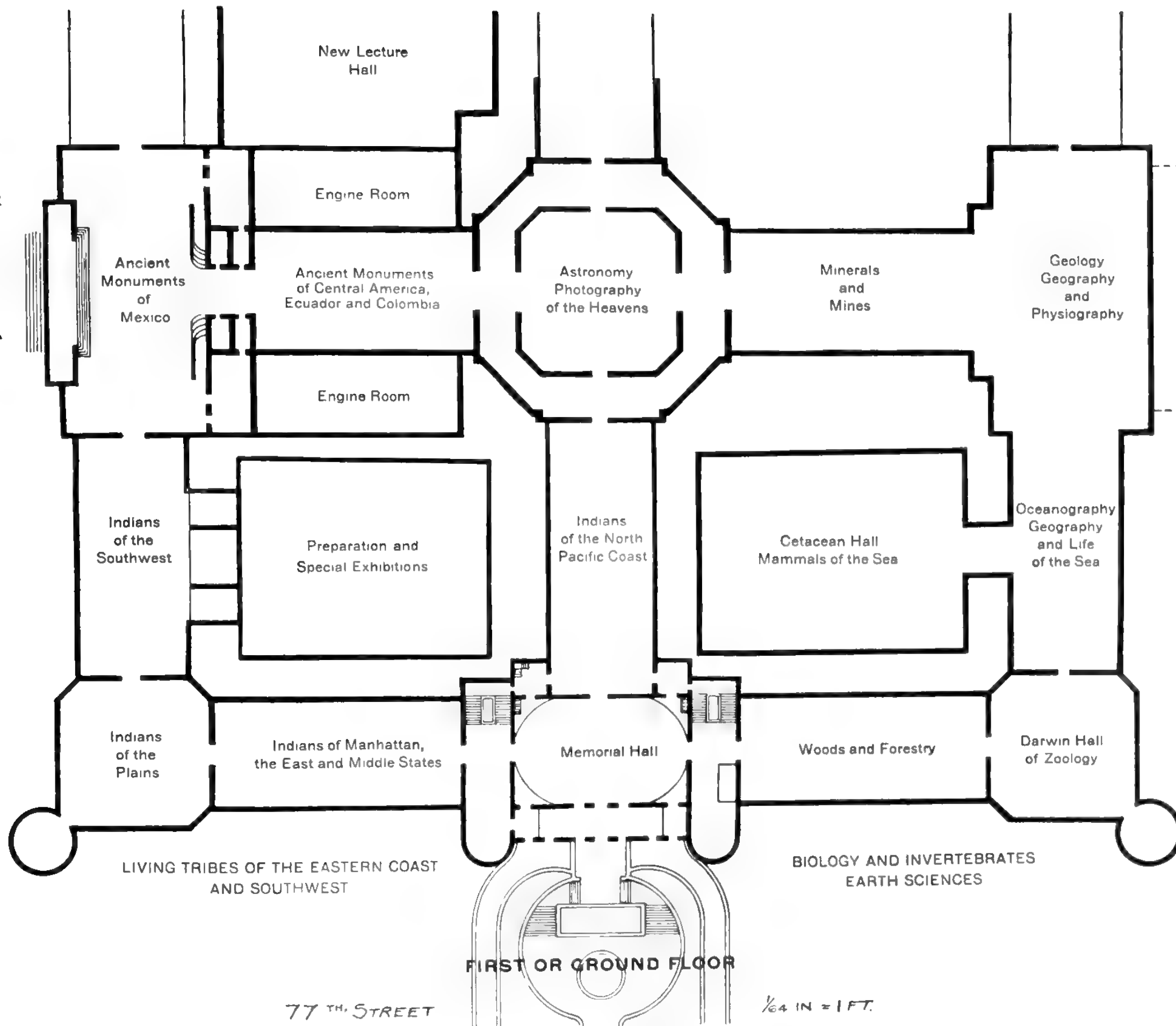


THE FOLLOWING PAGES PRESENT THE  
PROPOSED ARRANGEMENT OF EXHIBITS AND COLLECTIONS  
IN THE  
BUILDING AS CONSTRUCTED AND AS PROJECTED FOR THE  
IMMEDIATE FUTURE

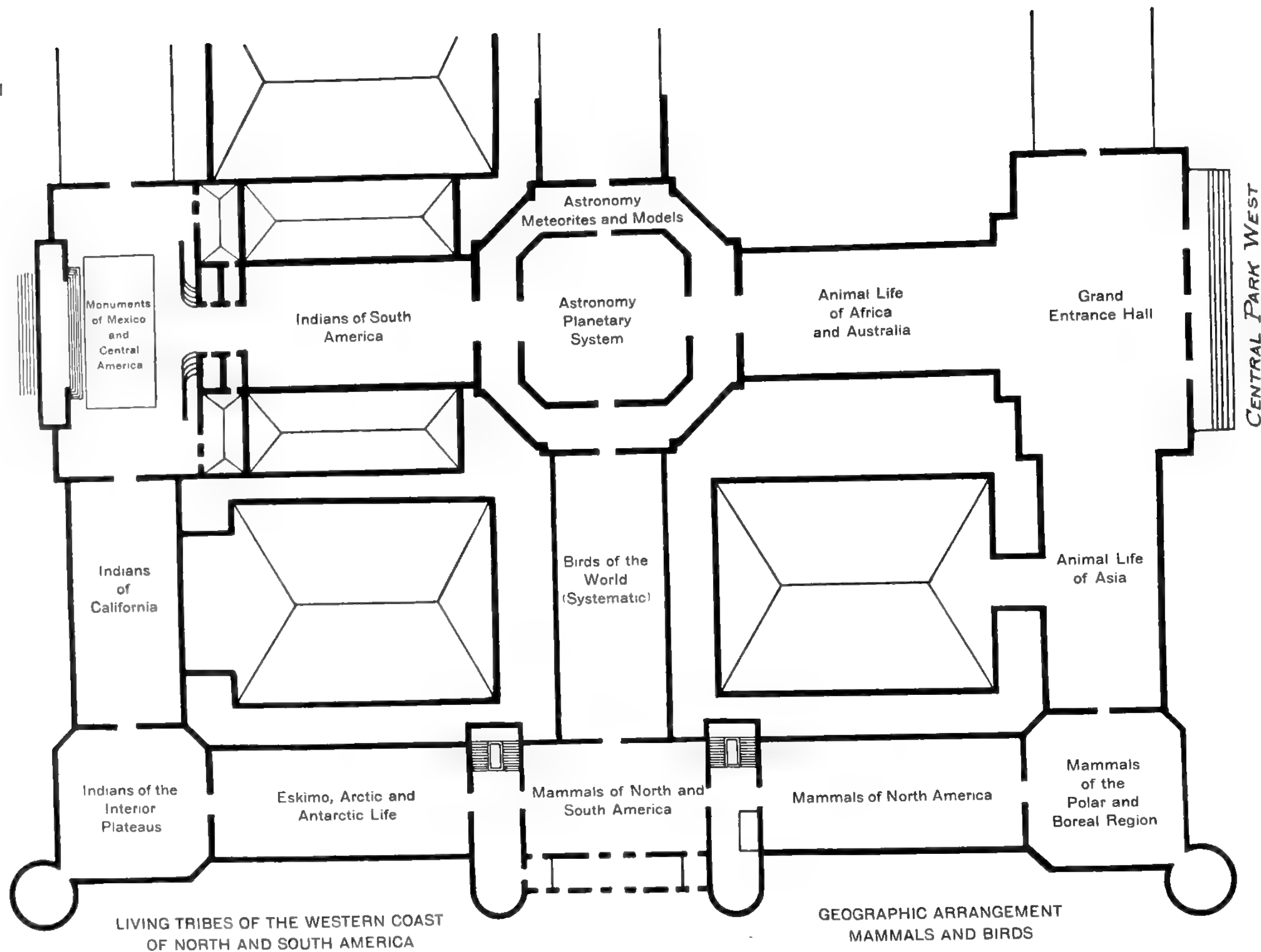
COLUMBUS AVENUE

33

CENTRAL PARK WEST



COLUMBUS AVENUE

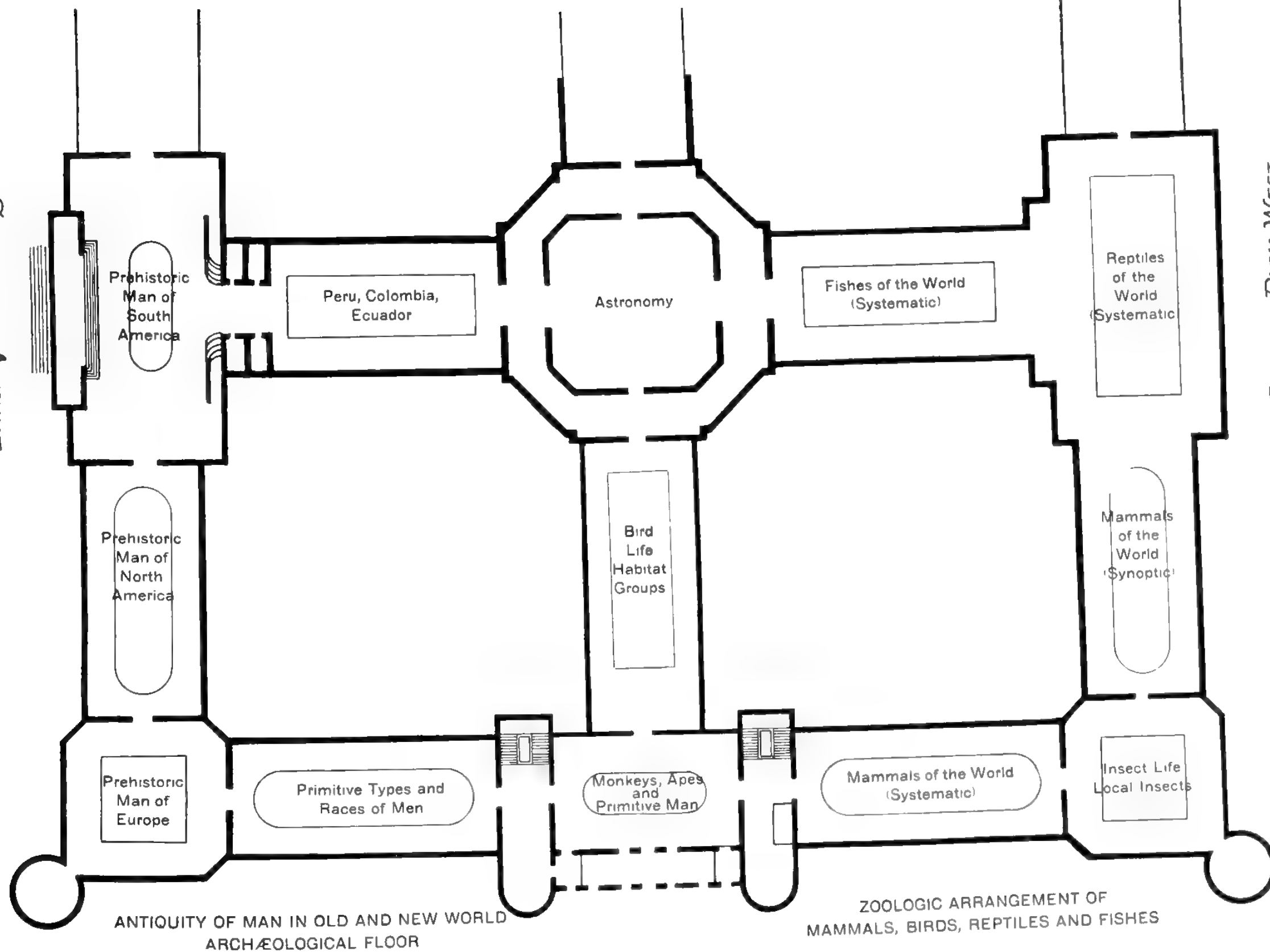


SECOND FLOOR

77<sup>TH</sup> STREET $\frac{1}{64}$  IN. = 1 FT.

COLUMBUS AVENUE

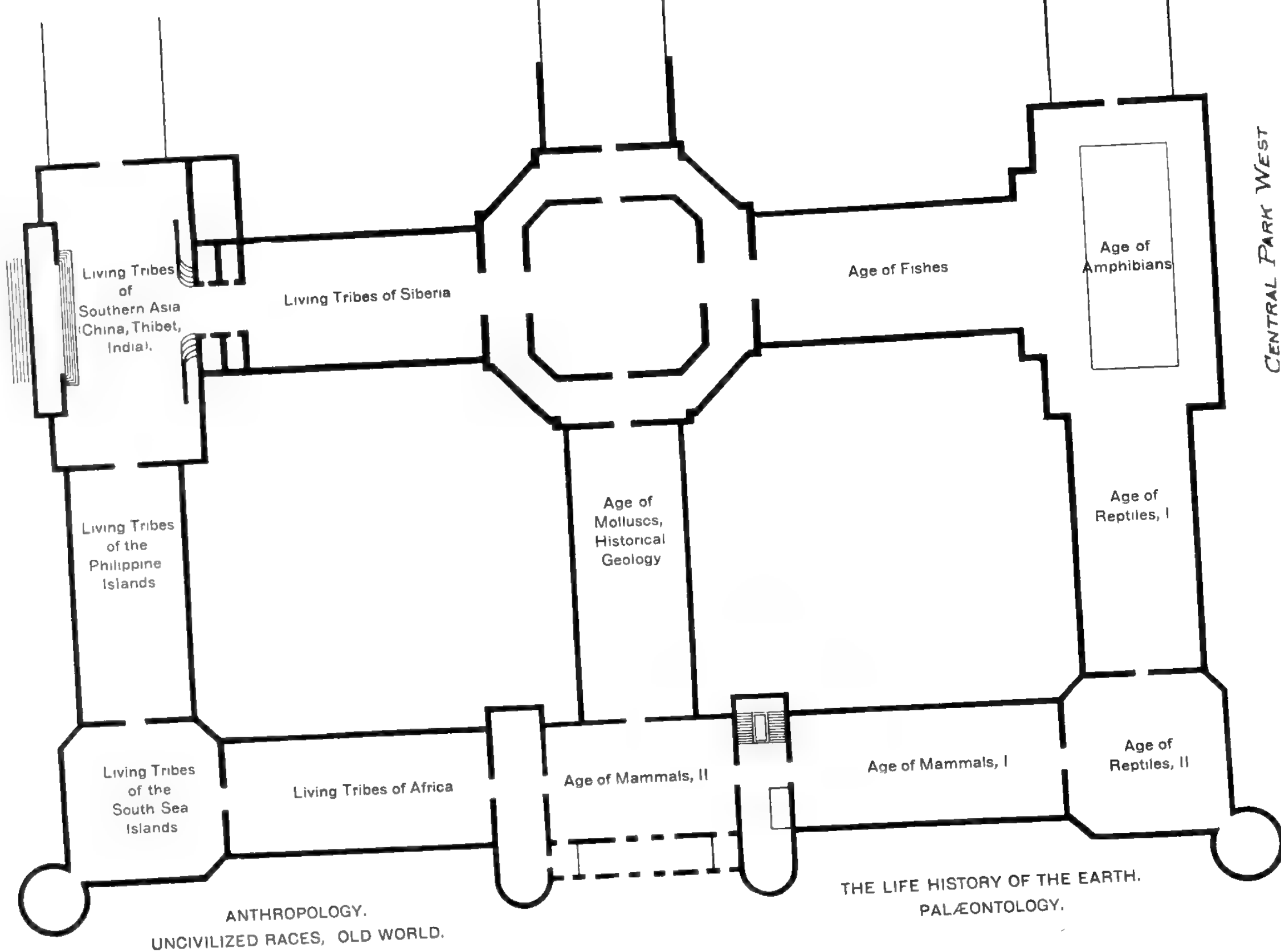
CENTRAL PARK WEST



THIRD FLOOR

77<sup>TH</sup> STREET $\frac{1}{64}$  IN. = 1 FT.

COLUMBUS AVENUE



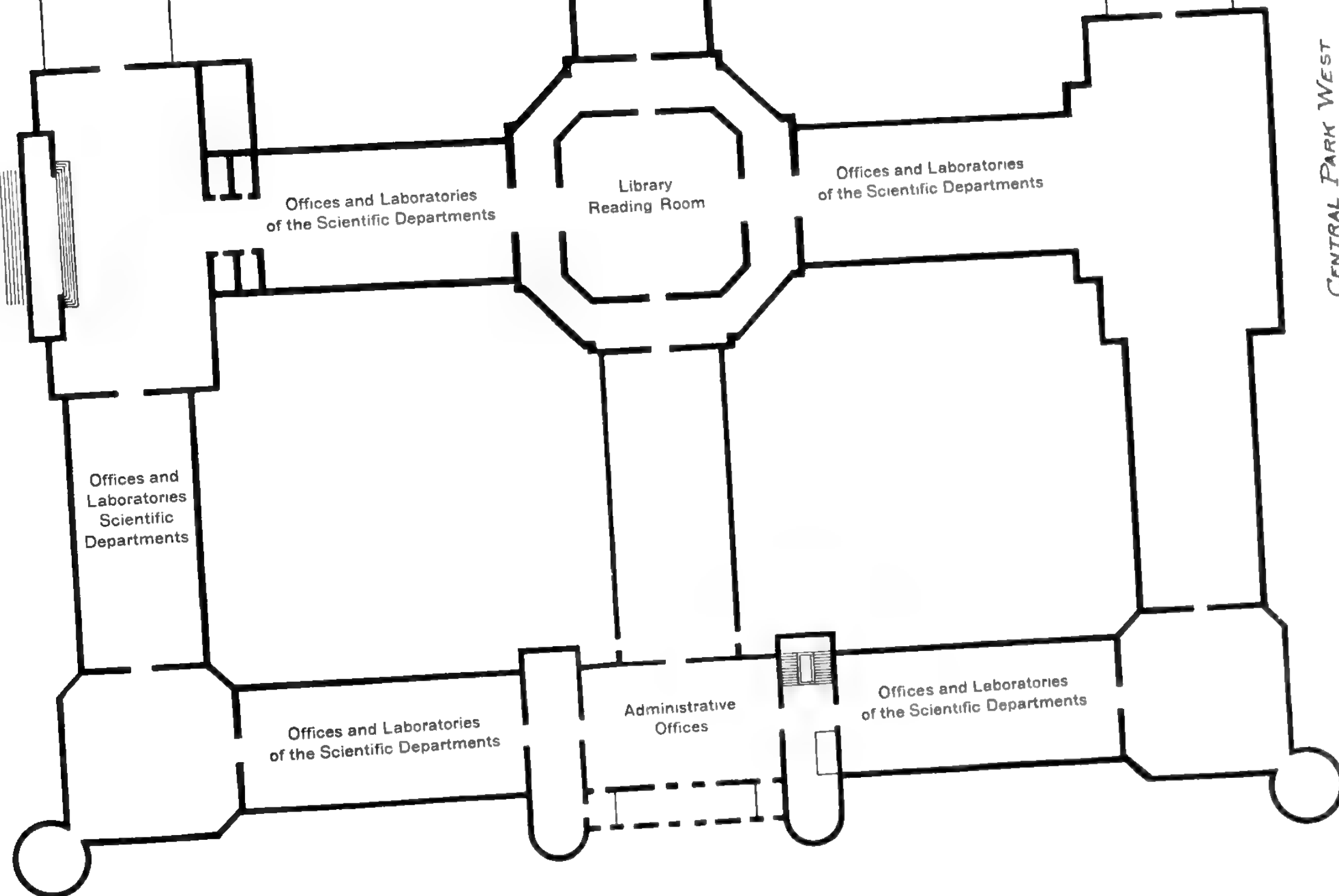
CENTRAL PARK WEST

FOURTH FLOOR

 $\frac{1}{64}$  IN. = 1 FT.

COLUMBUS AVENUE

CENTRAL PARK WEST

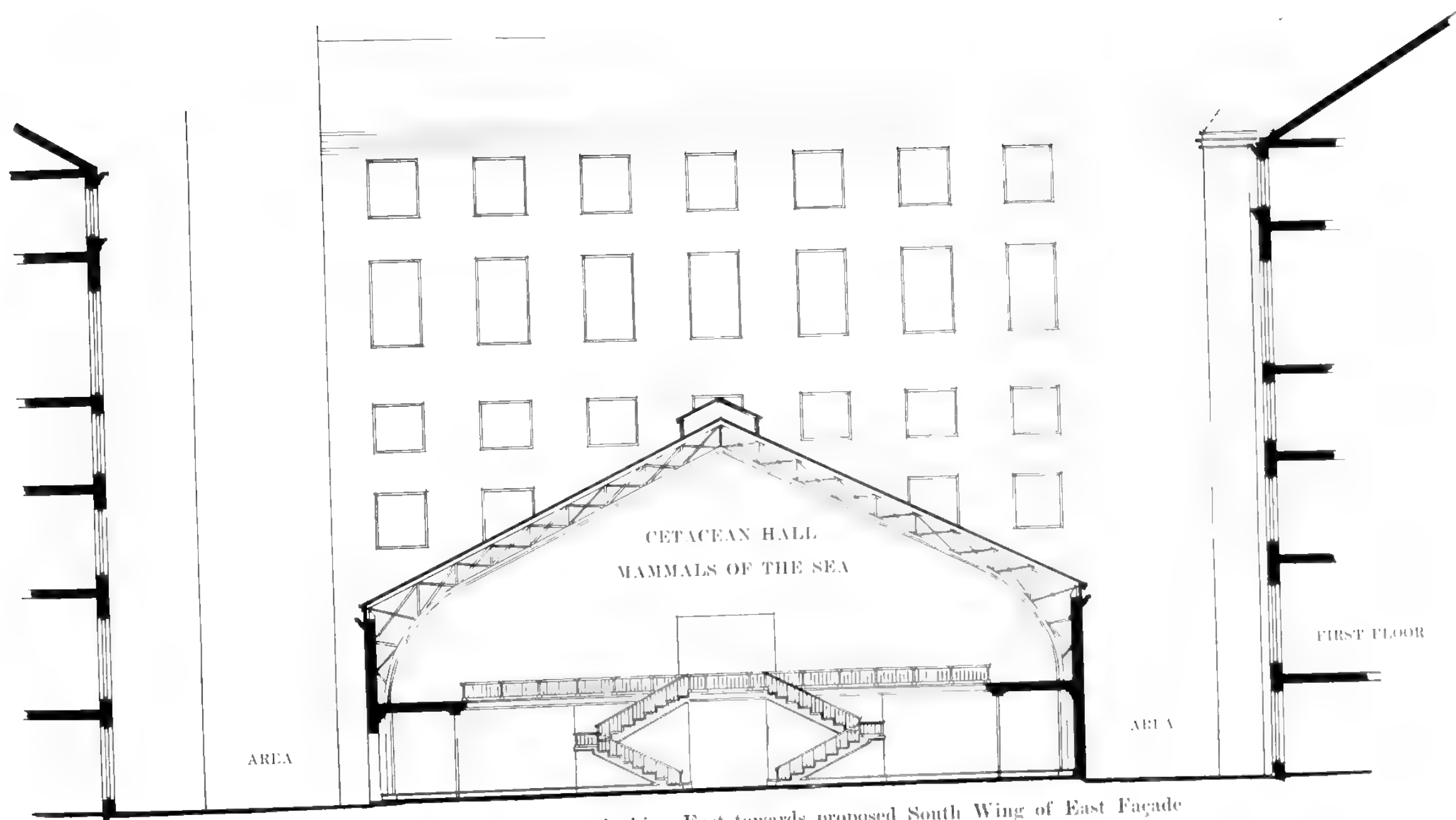


FIFTH FLOOR

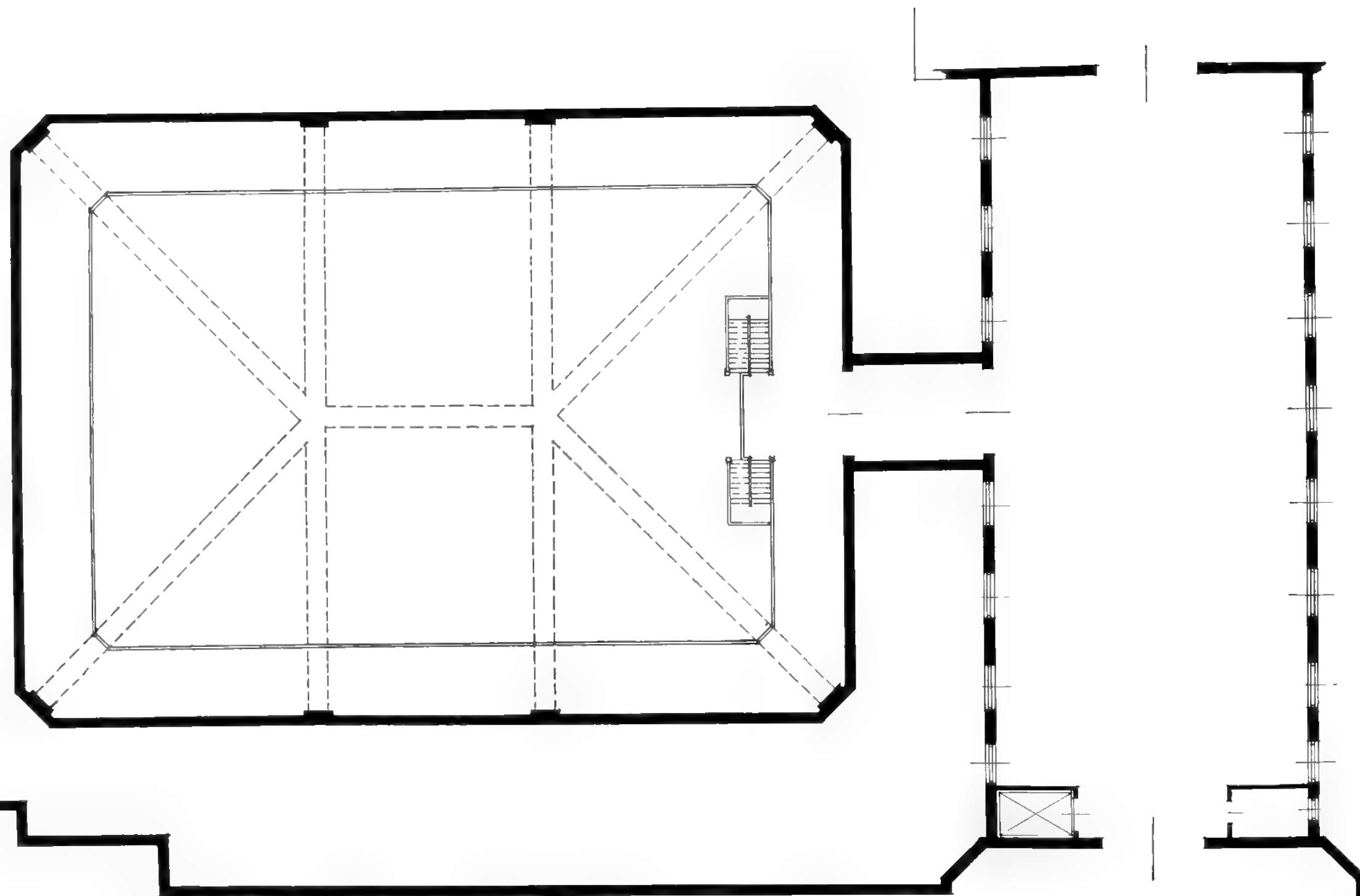
 $\frac{1}{64}$  IN = 1 FT.77<sup>TH</sup> STREET

THE FOLLOWING PAGES PRESENT THE  
DETAILED PLANS FOR SOUTH WING OF EAST FAÇADE  
AND COURT BUILDING  
NOW UNDER CONSTRUCTION  
INCLUDING  
ARRANGEMENT OF EXHIBITIONS UNTIL ADJOINING SECTIONS  
ARE CONSTRUCTED  
ALSO ELEVATION OF THE PROPOSED WEST PAVILION



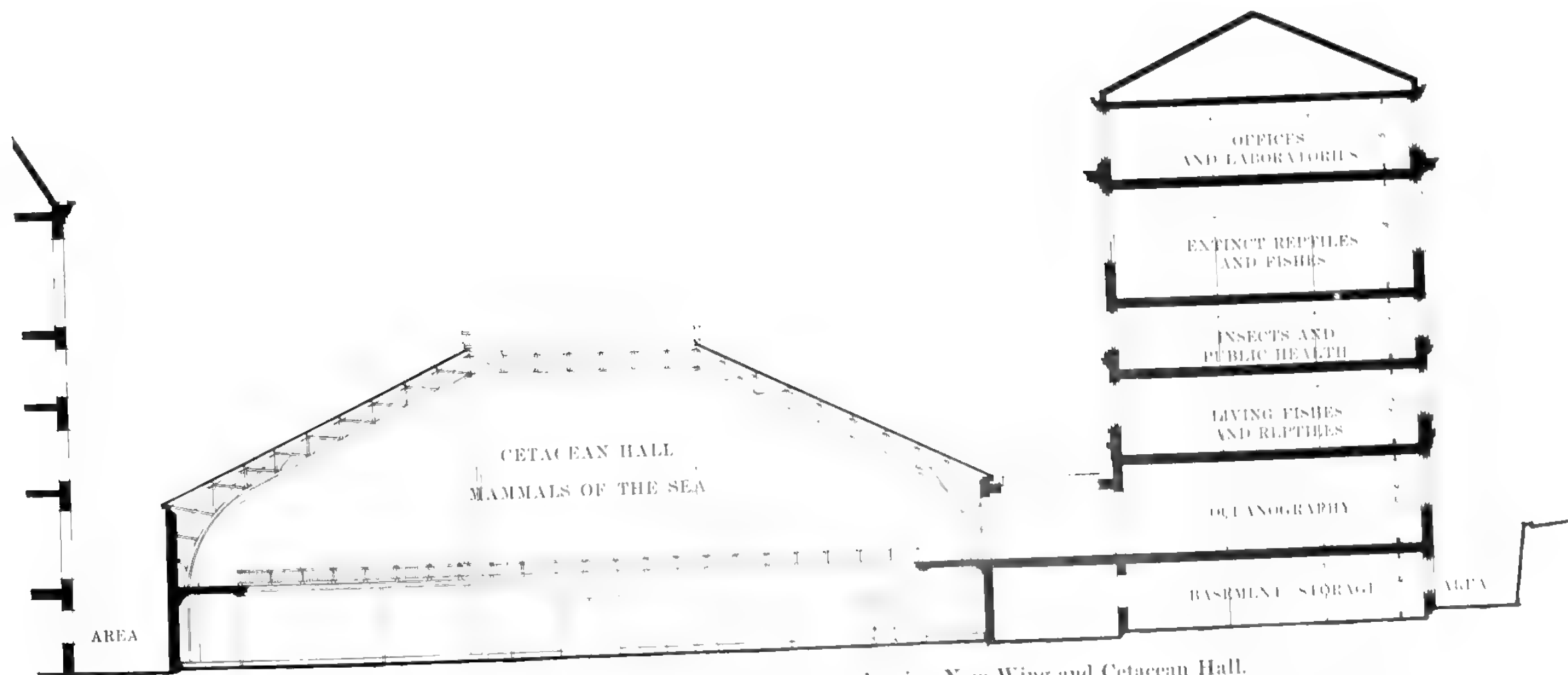


North and South Section, looking East towards proposed South Wing of East Façade



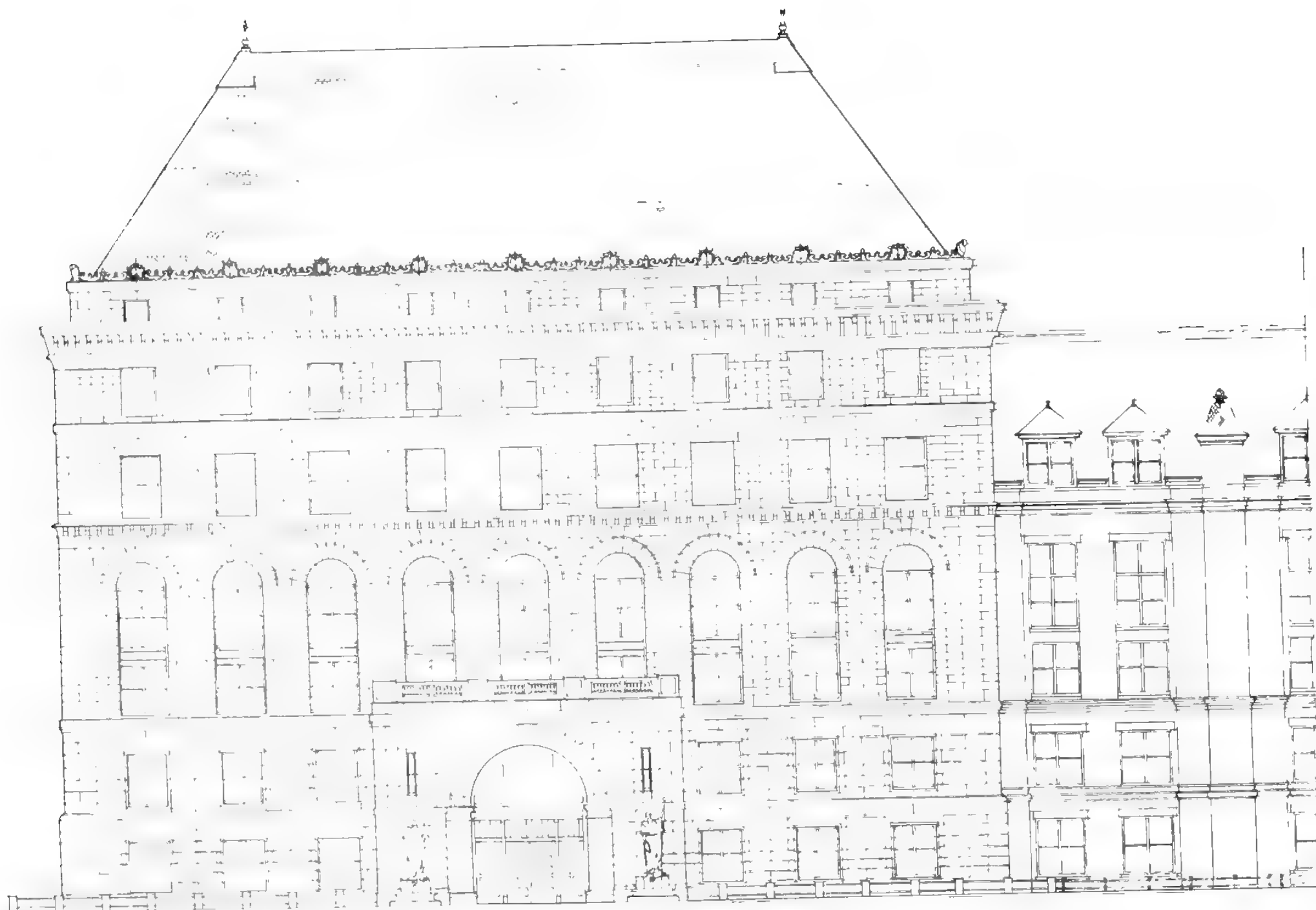
First Floor Level and Roof Girder Plan of Court Building (Cetacean Hall) and of  
Proposed South Wing of East Façade.

TROWBRIDGE & LIVINGSTON  
ARCHITECTS



East and West Section through the Southeast Court, showing New Wing and Cetacean Hall.

TROWBRIDGE & LIVINGSTON  
ARCHITECTS



Preliminary Design for New West Pavilion facing 79th Street and Ninth Avenue

TROWBRIDGE & LIVINGSTON, Architects











# **THE AMERICAN MUSEUM OF NATURAL HISTORY**

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**PLAN FOR NEW SOUTHEAST WING FACING CENTRAL PARK**

**AND**

**NEW SOUTHEAST COURT BUILDING**

**THIRD EDITION OF MUSEUM PLANS**

**JULY 1, 1915**







# THE AMERICAN MUSEUM OF NATURAL HISTORY

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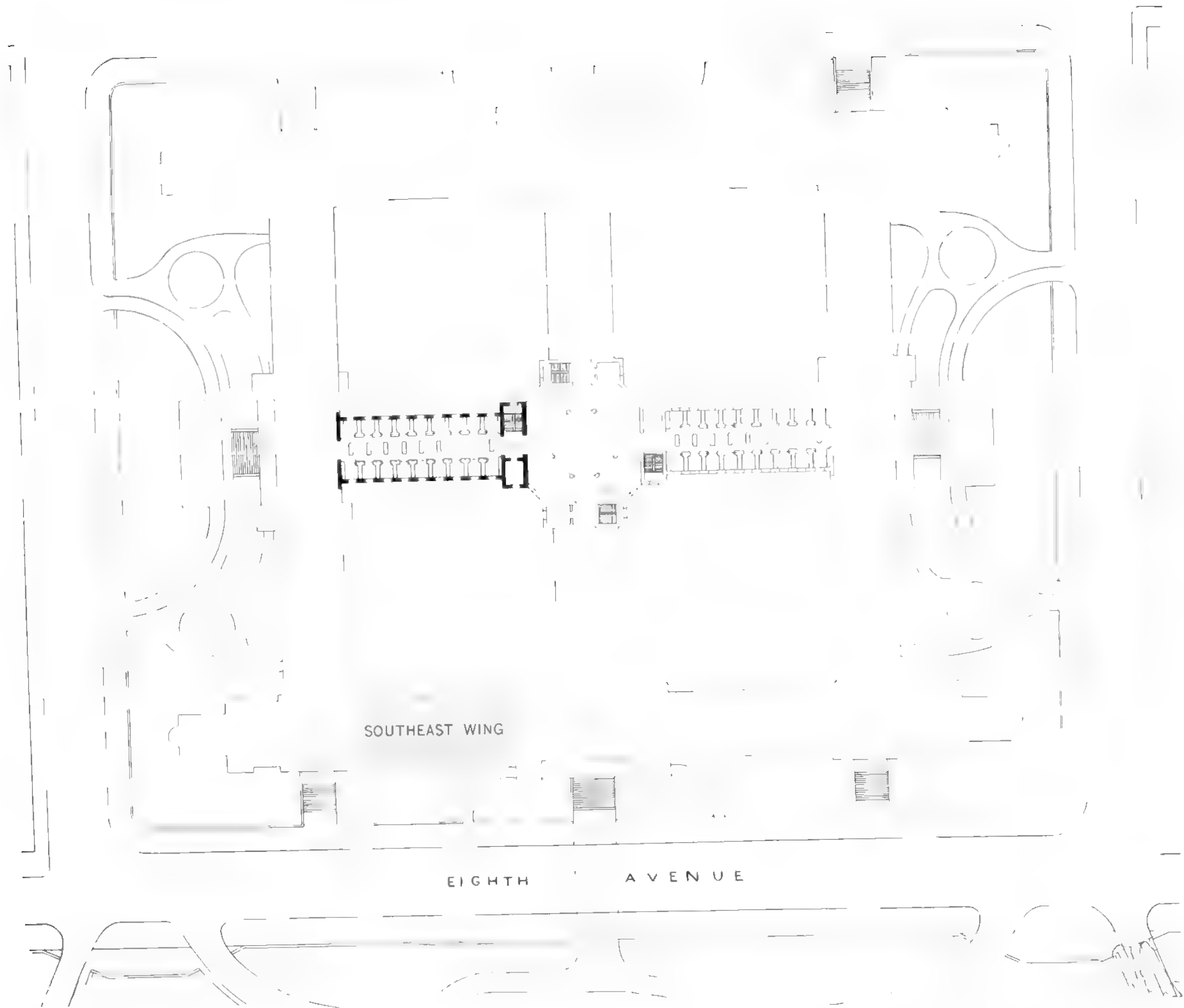
## PLAN FOR NEW SOUTHEAST WING FACING CENTRAL PARK AND NEW SOUTHEAST COURT BUILDING

THIRD EDITION OF MUSEUM PLANS

JULY 1, 1915

FIRST EDITION — MAY, 1911

SECOND EDITION — MAY, 1912



FREDERIC LAW OLNSTED'S PLAN OF MANHATTAN SQUARE,  
THE AMERICAN MUSEUM AND APPROACHES, 1875

## DIAGRAM

Indicating proposed modification of the  
design of Central Park, in adaptation to  
requirements growing out of the proposed  
improvements on Manhattan Square.

September 17<sup>th</sup> 1875

Fred. Law Olmsted

London. Architect.

\_\_\_\_ In Board, September 17, 1875 \_\_\_\_

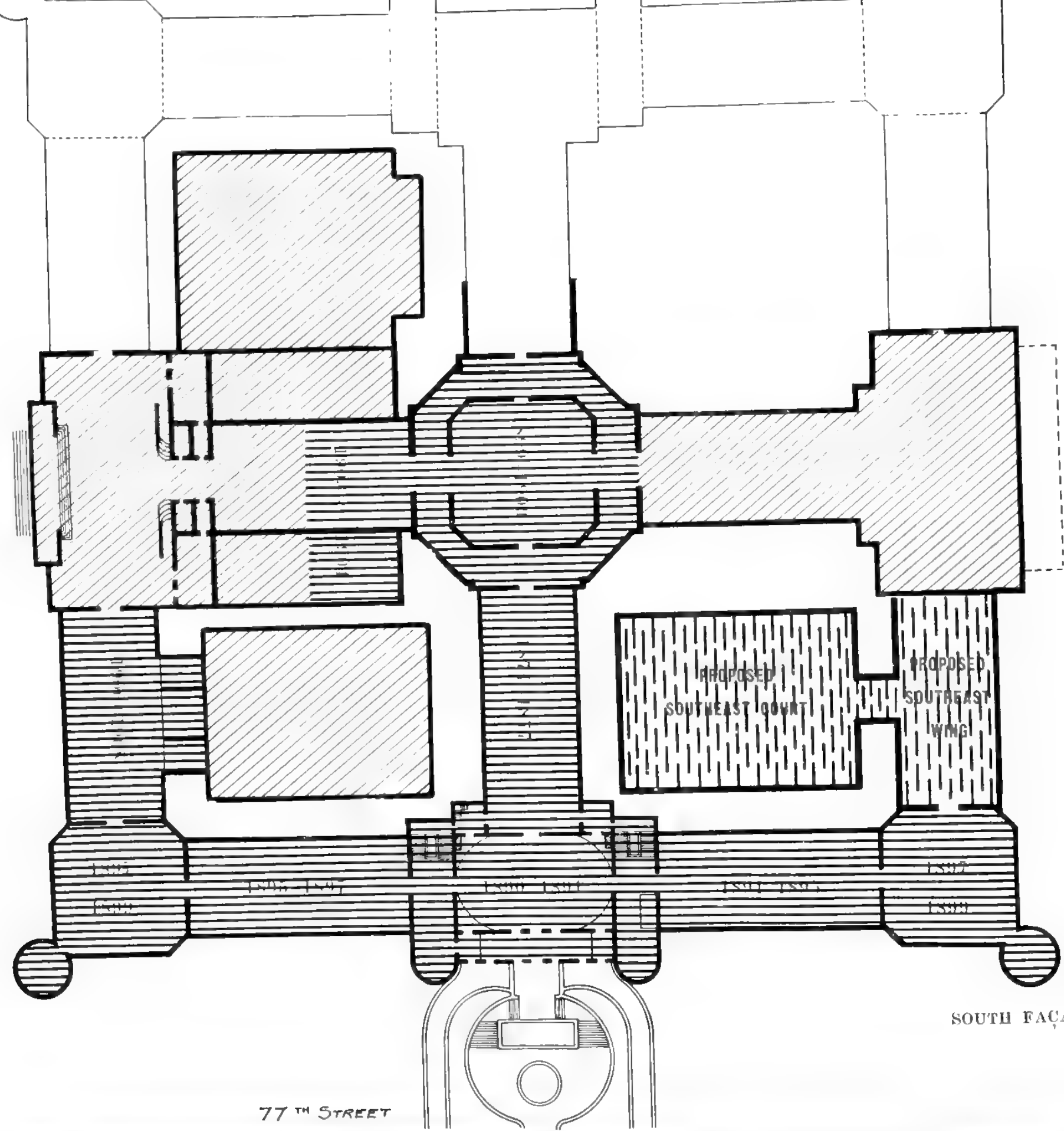
\_\_\_\_ Approved and the design provisionally \_\_\_\_  
\_\_\_\_ adopted, except in respect to the archway, foot \_\_\_\_  
\_\_\_\_ approaches to Manhattan Square. \_\_\_\_

Wm. Irwin

Secretary D. P. R.

WEST  
FACADE  
COLUMBUS AVENUE

EAST  
FACADE  
CENTRAL PARK WEST



77<sup>TH</sup> STREET

SOUTH FACADE



THE HISTORY OF THE  
 NATURAL HISTORY MUSEUM  
 OF THE  
 UNITED STATES

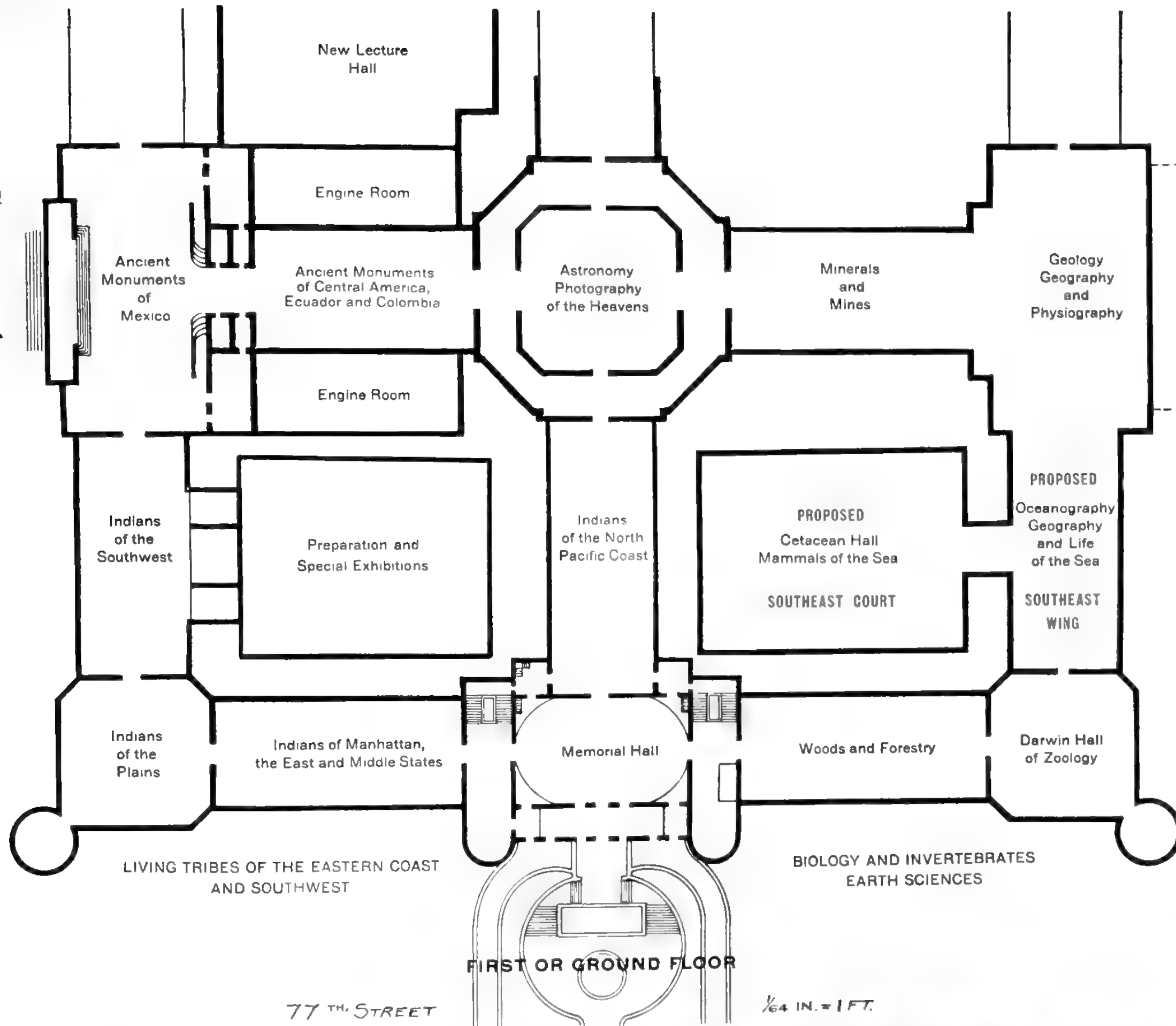
Blank  
 Opposite facing -  
 Horizontal ruling -  
 Vertical broken lines -  
 Completed  
 Projected 1915  
 Waiting construction plans completed

**GROUND PLAN**  
**OF THE**  
**AMERICAN MUSEUM OF NATURAL HISTORY**

|                       |           |  |
|-----------------------|-----------|--|
| Horizontal ruling     | +         | Completed                              |
| Vertical broken lines | -         | Awaiting construction, plans completed |
| Oblique ruling        | - - - - - | Projected (1912)                       |
| Blank                 | - - - - - | Future                                 |

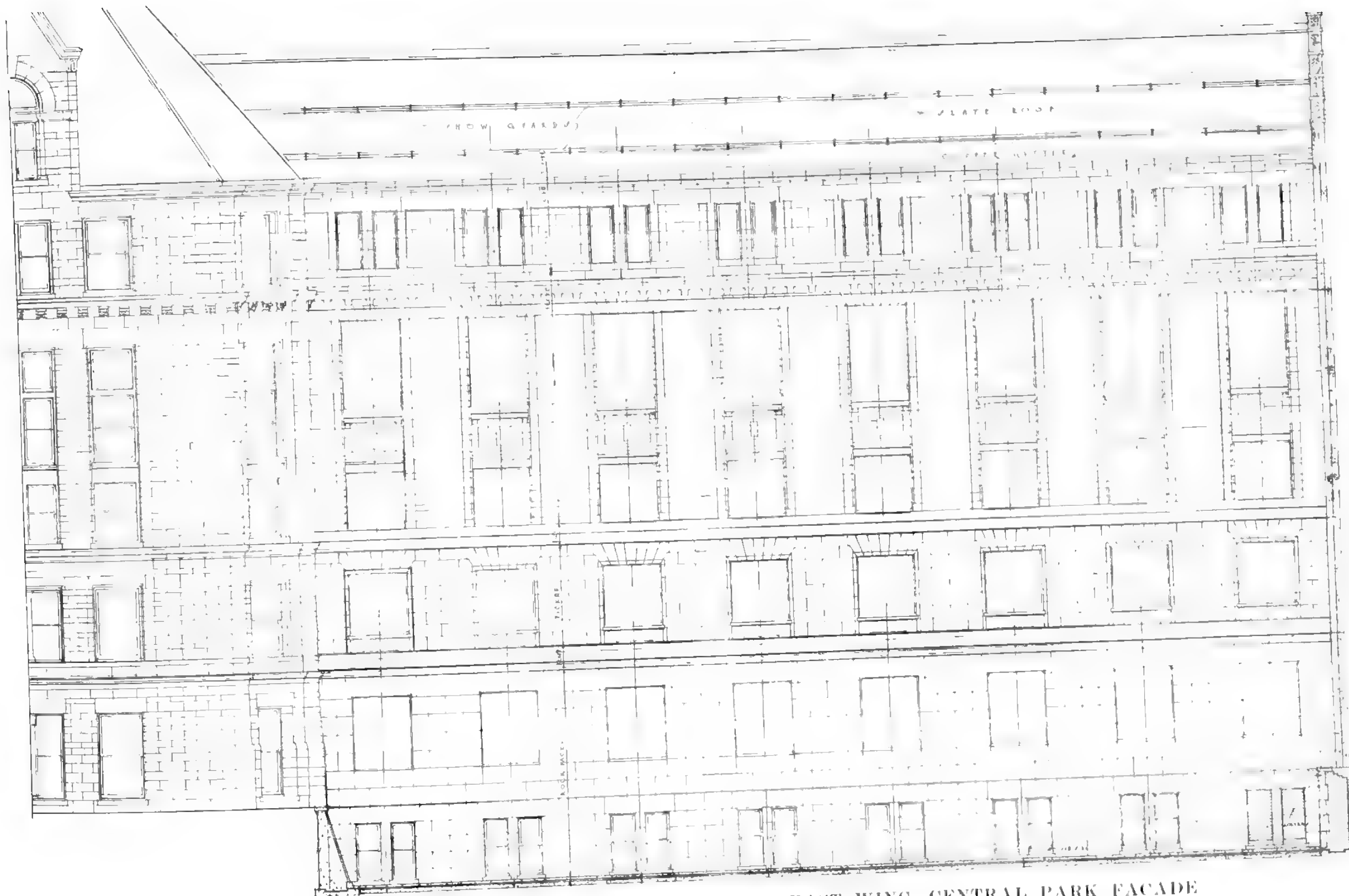
COLUMBUS AVENUE

CENTRAL PARK WEST



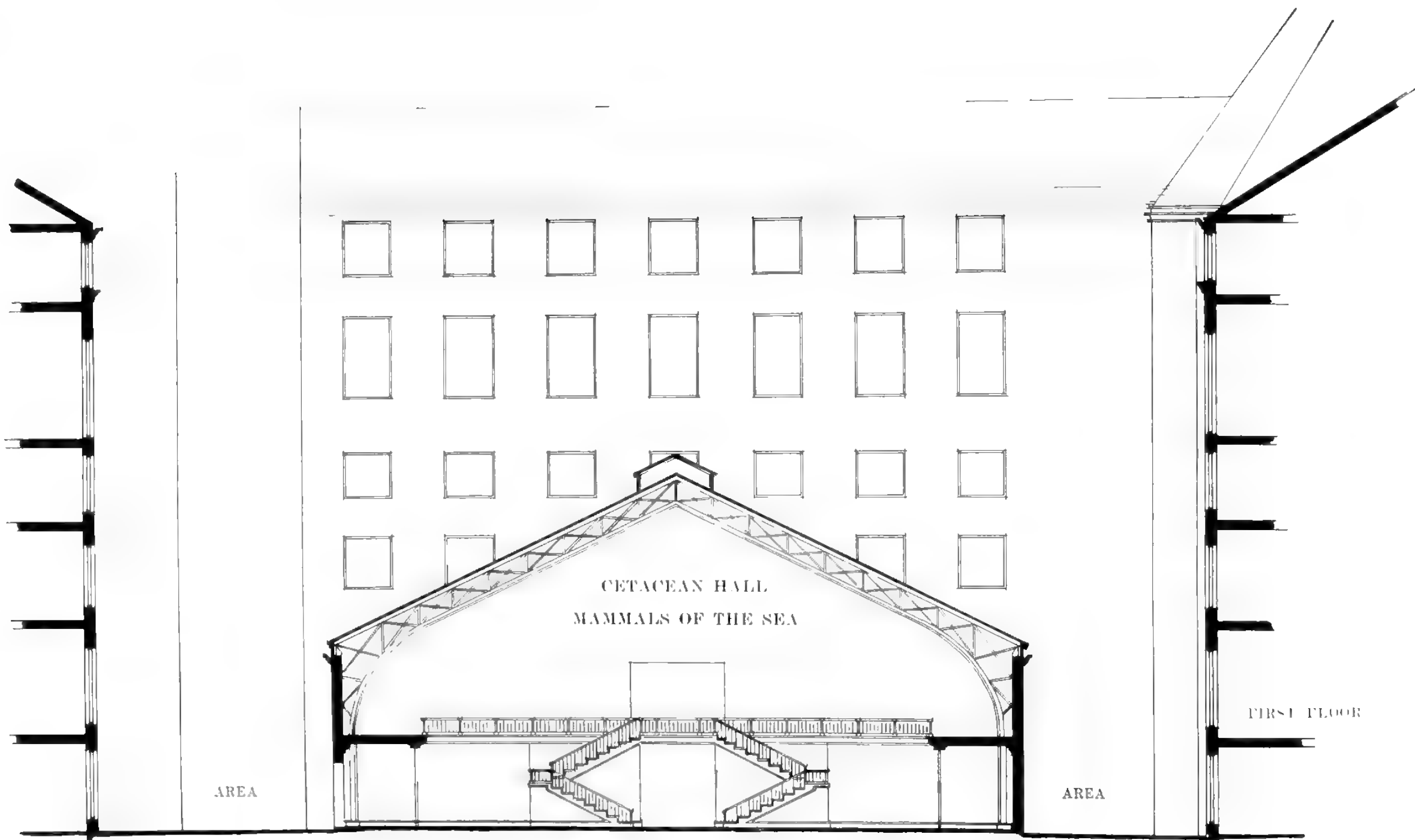
ARRANGEMENT OF THE COLLECTIONS AND EXHIBITS ON THE FIRST FLOOR  
AS PRESENTED BY PRESIDENT OSBORN IN 1911





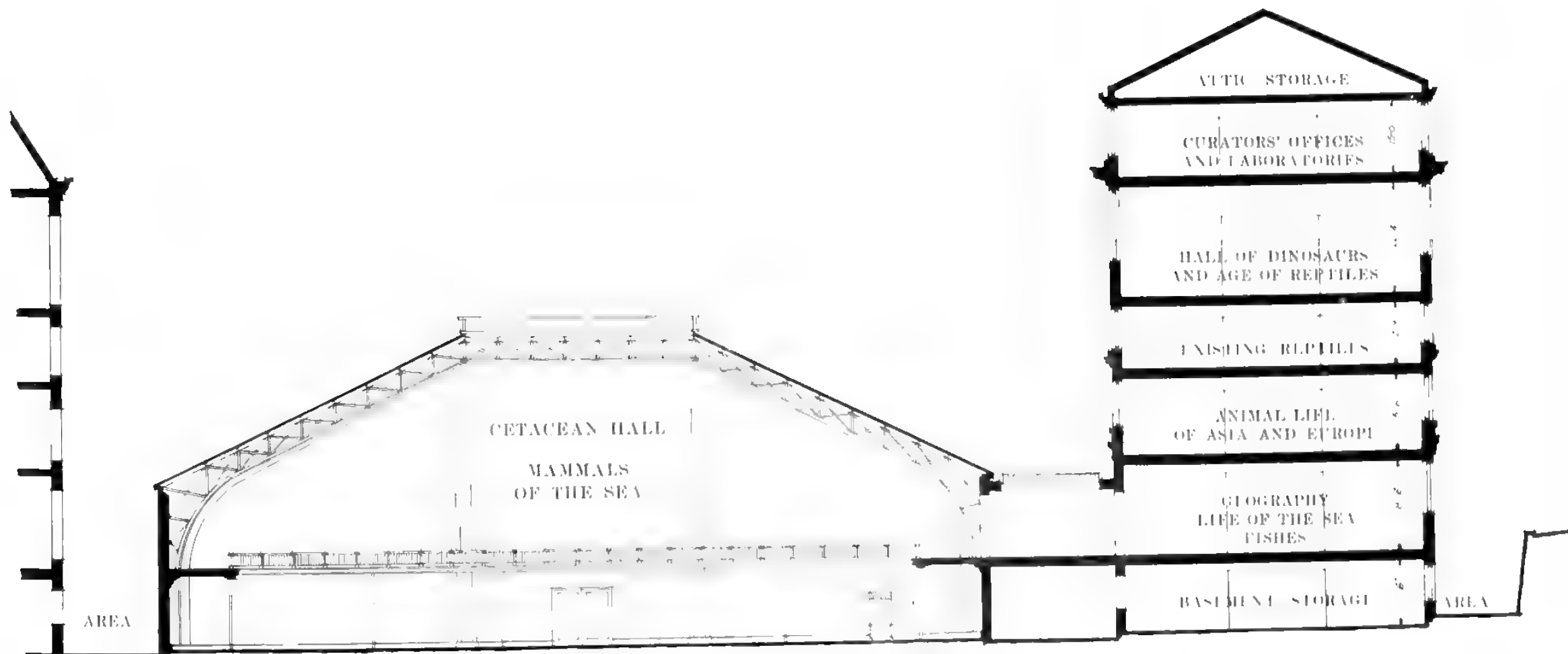
ELEVATION OF NEW SOUTHEAST WING, CENTRAL PARK FAÇADE

TROWBRIDGE & LIVINGSTON, Architects



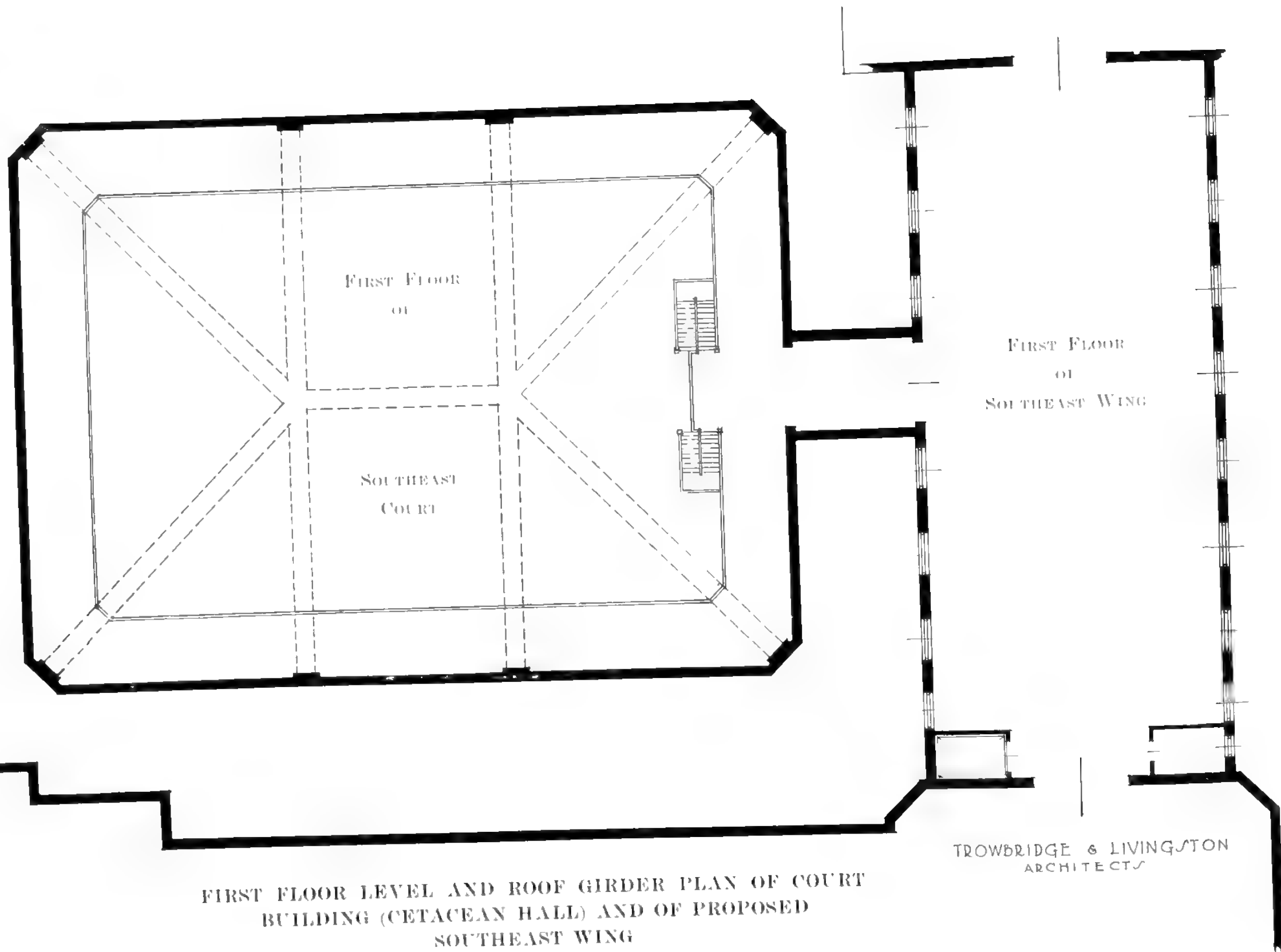
NORTH AND SOUTH SECTION, THROUGH SOUTHEAST COURT, LOOKING  
EAST TOWARDS PROPOSED SOUTHEAST WING

TROWBRIDGE & LIVINGSTON, Architects



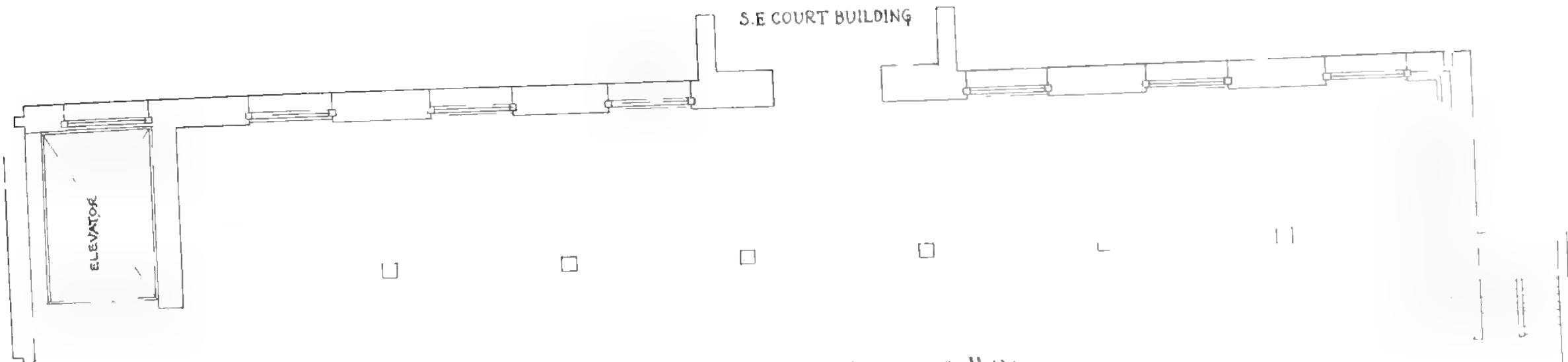
EAST AND WEST SECTION, THROUGH NEW SOUTHEAST WING  
AND SOUTHEAST COURT BUILDING

TROWBRIDGE & LIVINGSTON  
ARCHITECTS

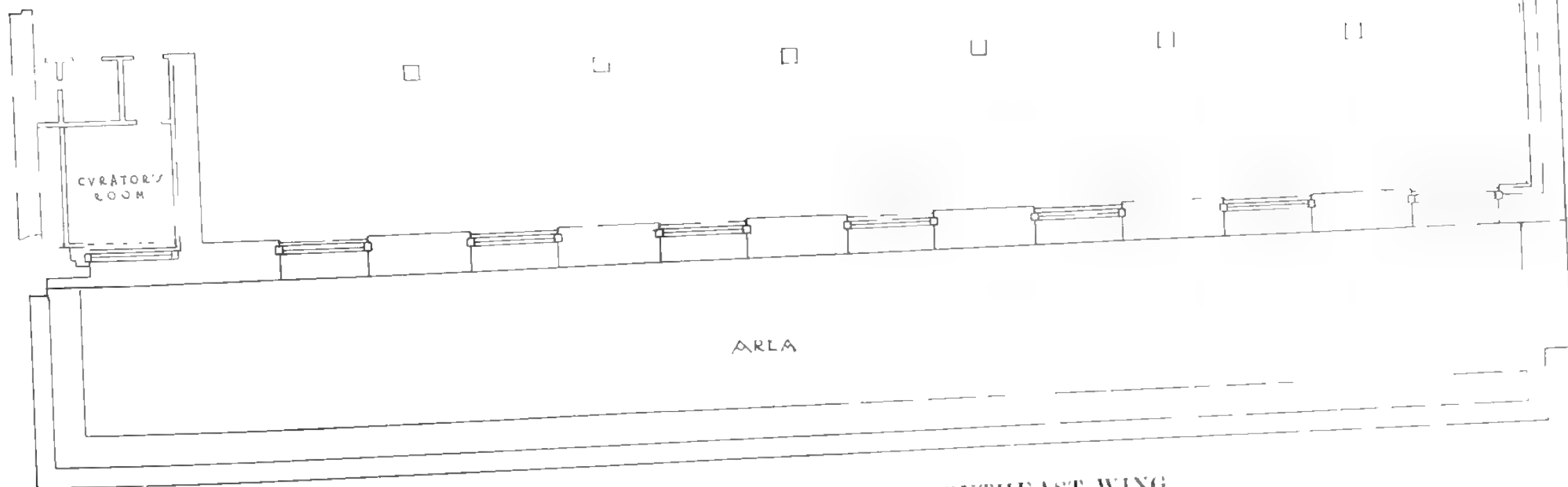




TO GALLERY  
S.E. COURT BUILDING



FIRST FLOOR OF SOUTHEAST WING



FIRST FLOOR PLAN OF NEW SOUTHEAST WING

TROWBRIDGE & LIVINGSTON, Architects











**GROWTH OF THE BUILDING  
OF  
THE AMERICAN MUSEUM OF NATURAL HISTORY**

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**PROPOSED NEW EAST FACADE FACING CENTRAL PARK**

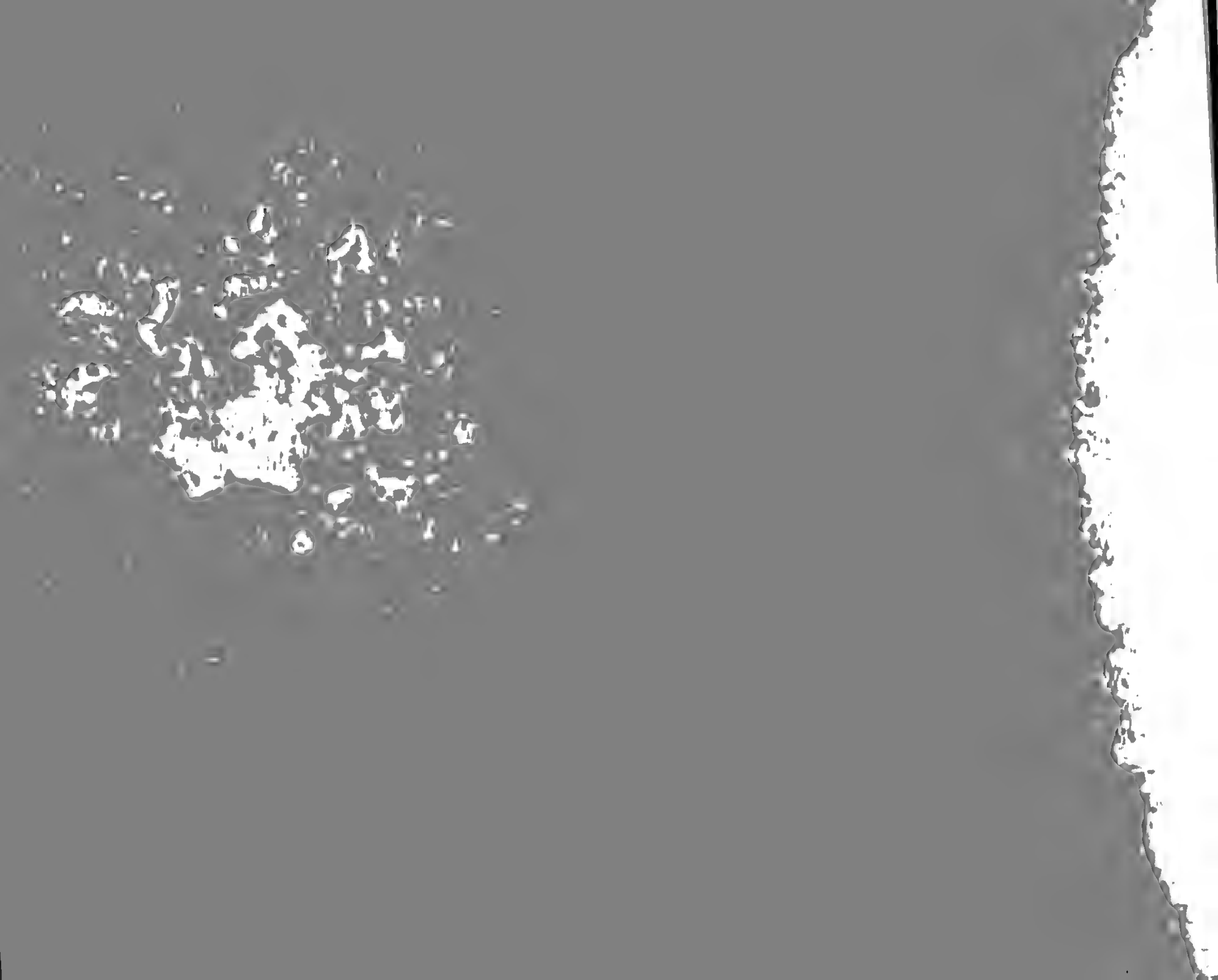
**PLANS FOR THE NEW SOUTHEAST WING**

**AND**

**NEW SOUTHEAST COURT BUILDING**

**FOURTH EDITION OF MUSEUM PLANS**

**DECEMBER 1, 1916**









**GROWTH OF THE BUILDING  
OF  
THE AMERICAN MUSEUM OF NATURAL HISTORY**

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**PROPOSED NEW EAST FAÇADE FACING CENTRAL PARK**

**PLANS FOR THE NEW SOUTHEAST WING  
AND**

**NEW SOUTHEAST COURT BUILDING**

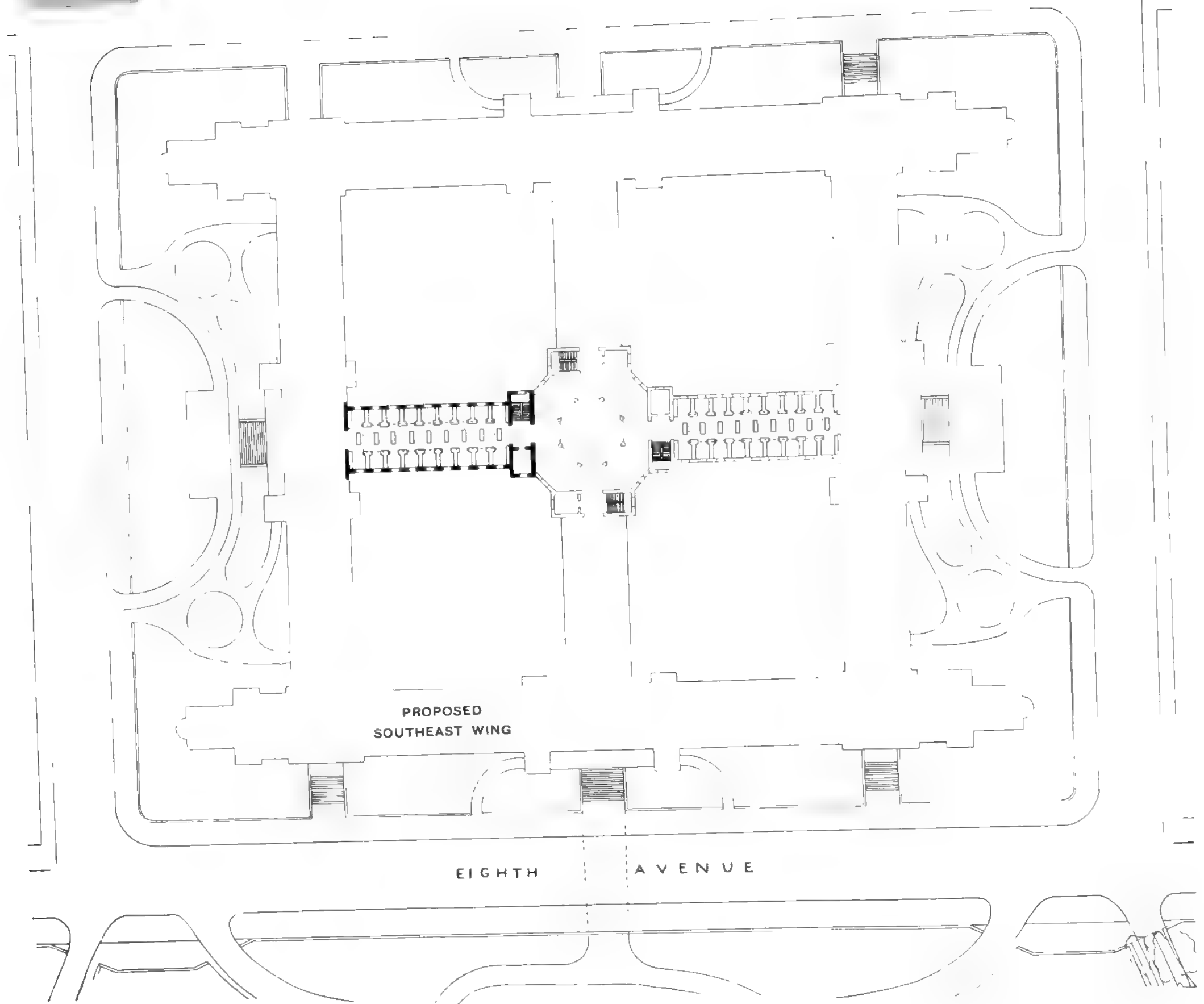
**FOURTH EDITION OF MUSEUM PLANS**

**DECEMBER 1, 1916**

**FIRST EDITION—MAY, 1911**

**SECOND EDITION—MAY, 1912**

**THIRD EDITION—JULY, 1915**



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## DIAGRAM

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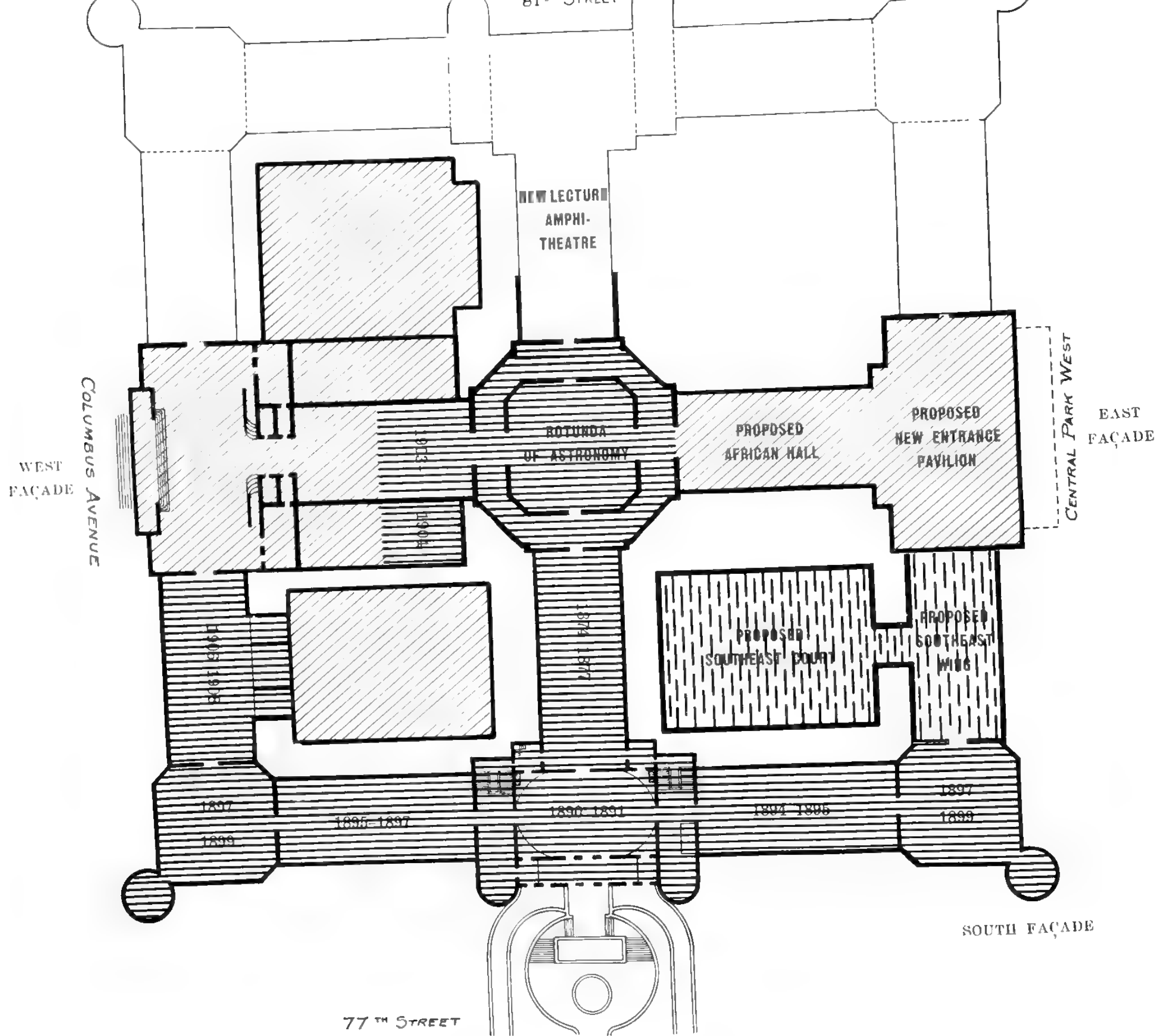
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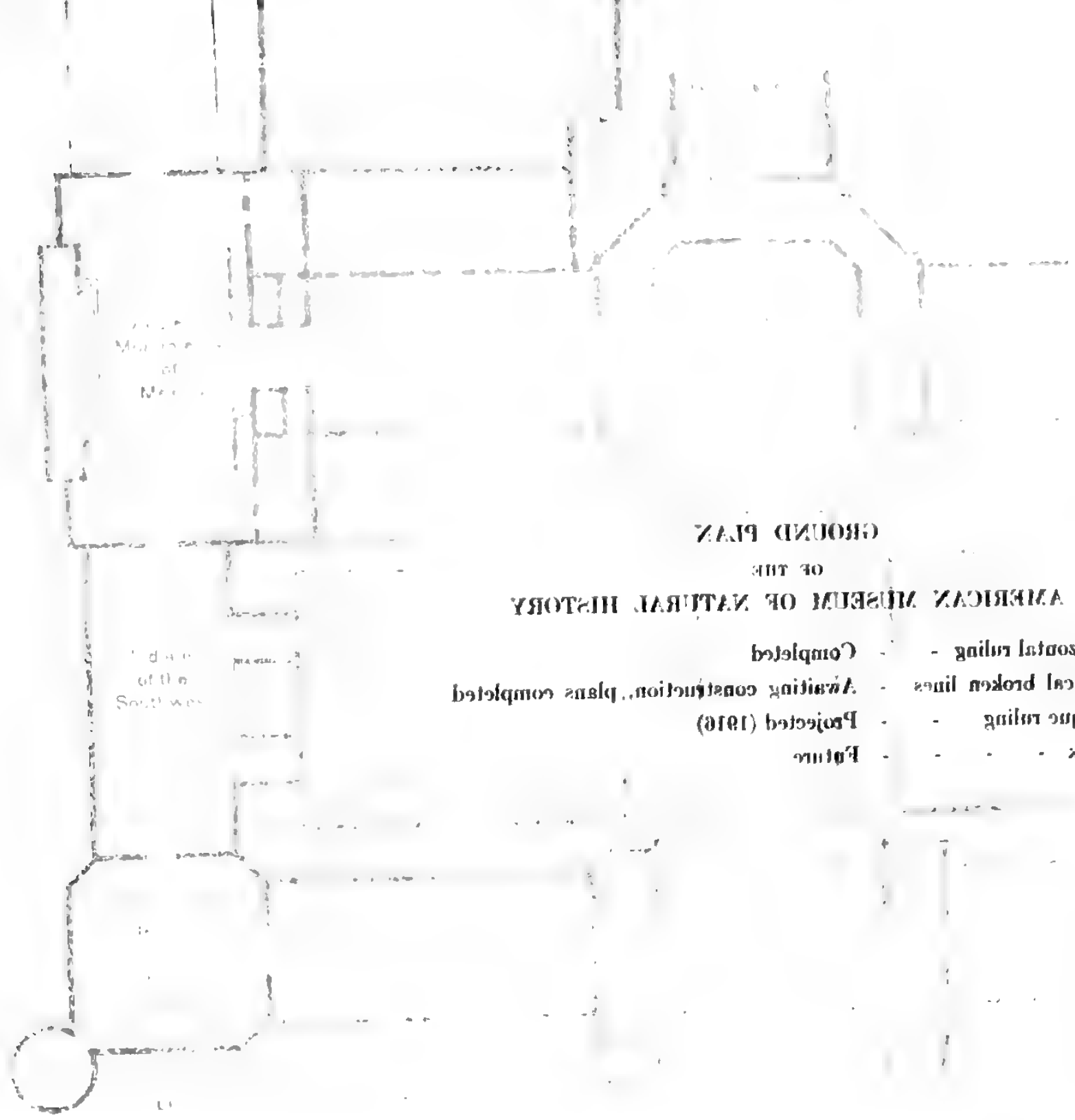
\_\_\_\_ approaches to Manhattan Square. \_\_\_\_

Wm. Irwin

Secretary D. P. P.



COLUMBUS AVENUE



AMERICAN MUSEUM OF NATURAL HISTORY  
OF THE  
GROUND PLAN

Horizontal ruling - Completed  
Vertical broken lines - Awaiting construction, plans completed  
Dotted ruling - Projected (1916)  
Blank - Future

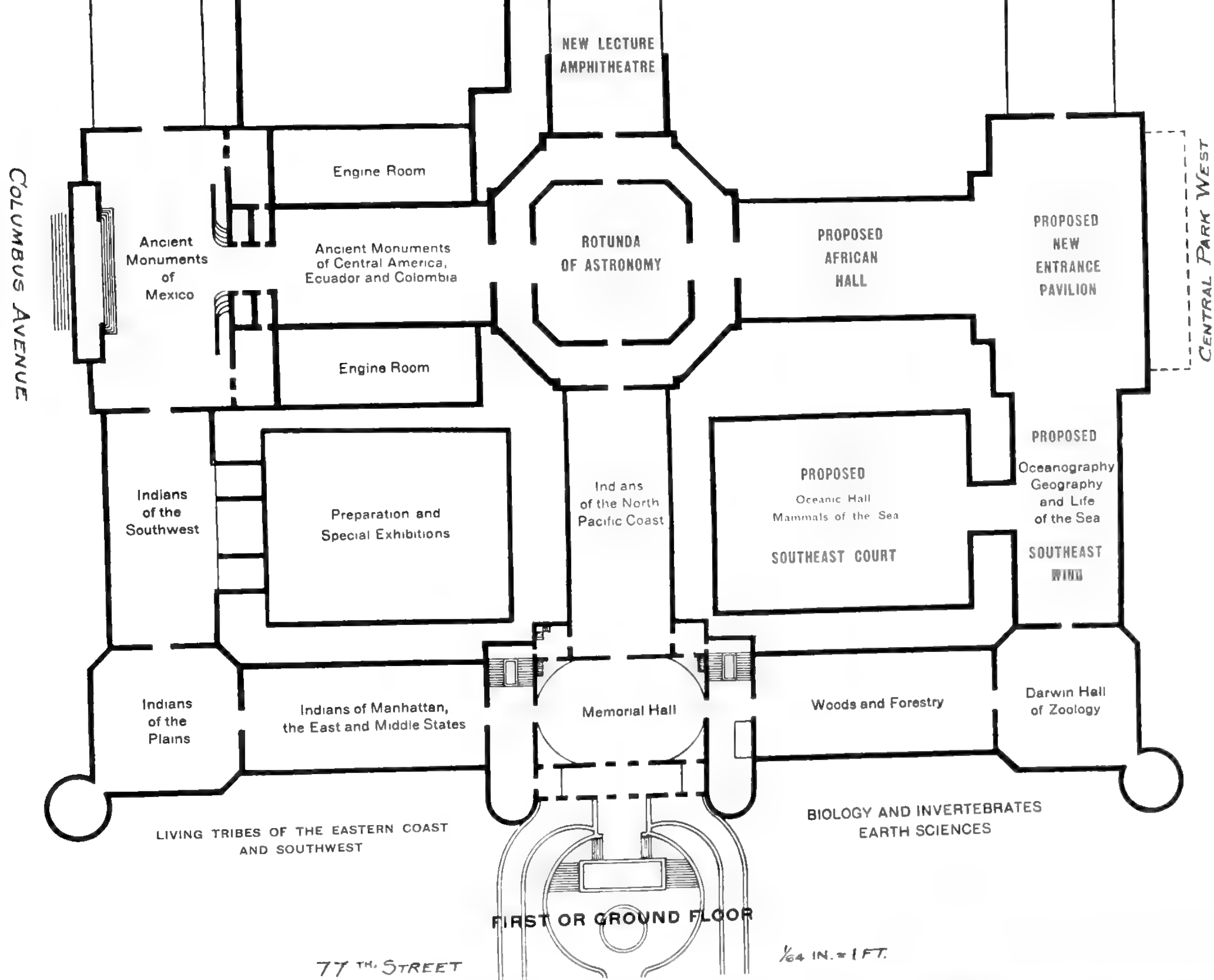
Museum of  
Natural History

of the  
Southwest

**GROUND PLAN**  
**OF THE**  
**AMERICAN MUSEUM OF NATURAL HISTORY**

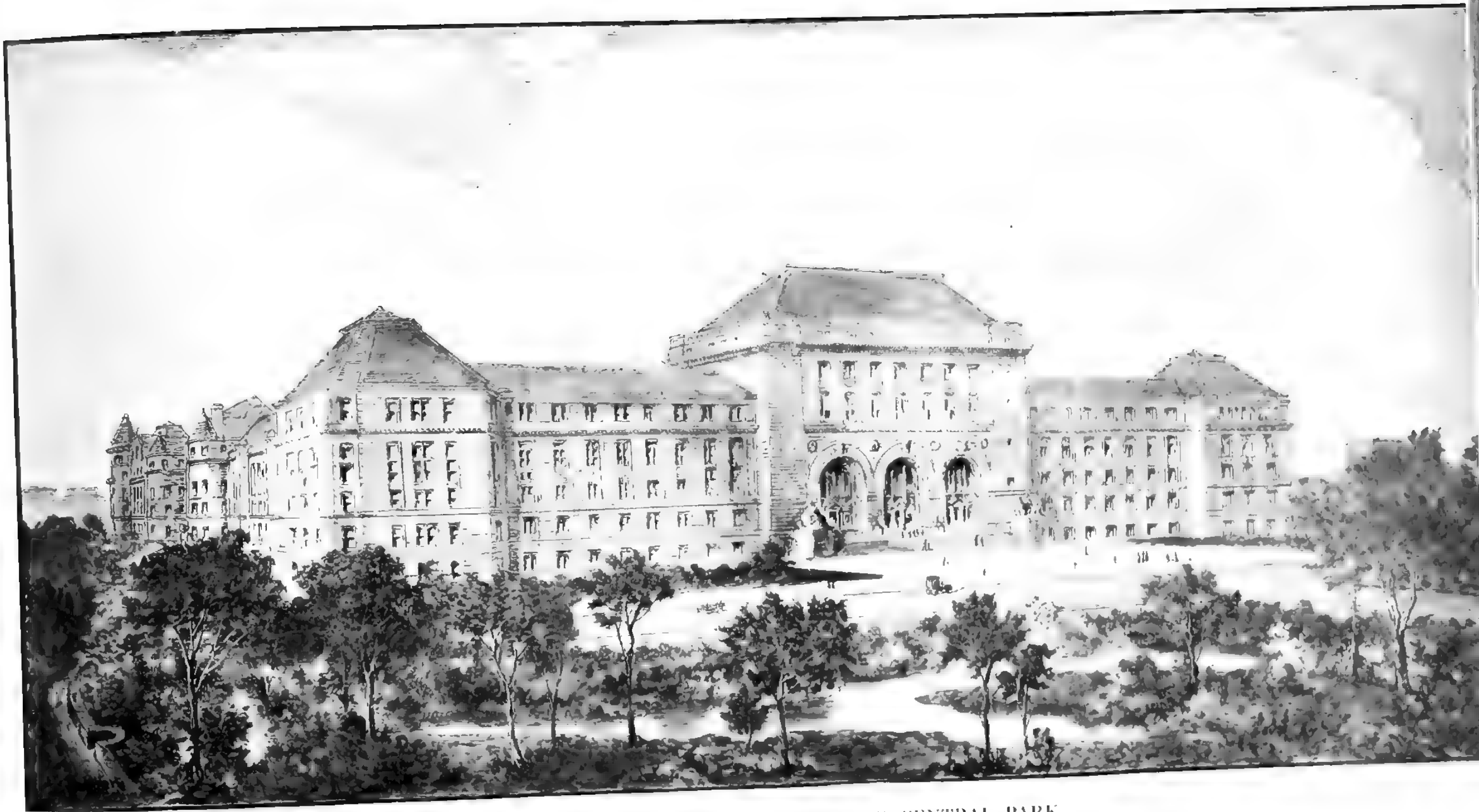
|                       |   |   |  |
|-----------------------|---|---|--|
| Horizontal ruling     | - | - | Completed                              |
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| Oblique ruling        | - | - | Projected (1916)                       |
| Blank                 | - | - | Future                                 |





ARRANGEMENT OF THE COLLECTIONS AND EXHIBITS ON THE FIRST FLOOR  
AS PRESENTED BY PRESIDENT OSBORN IN 1916



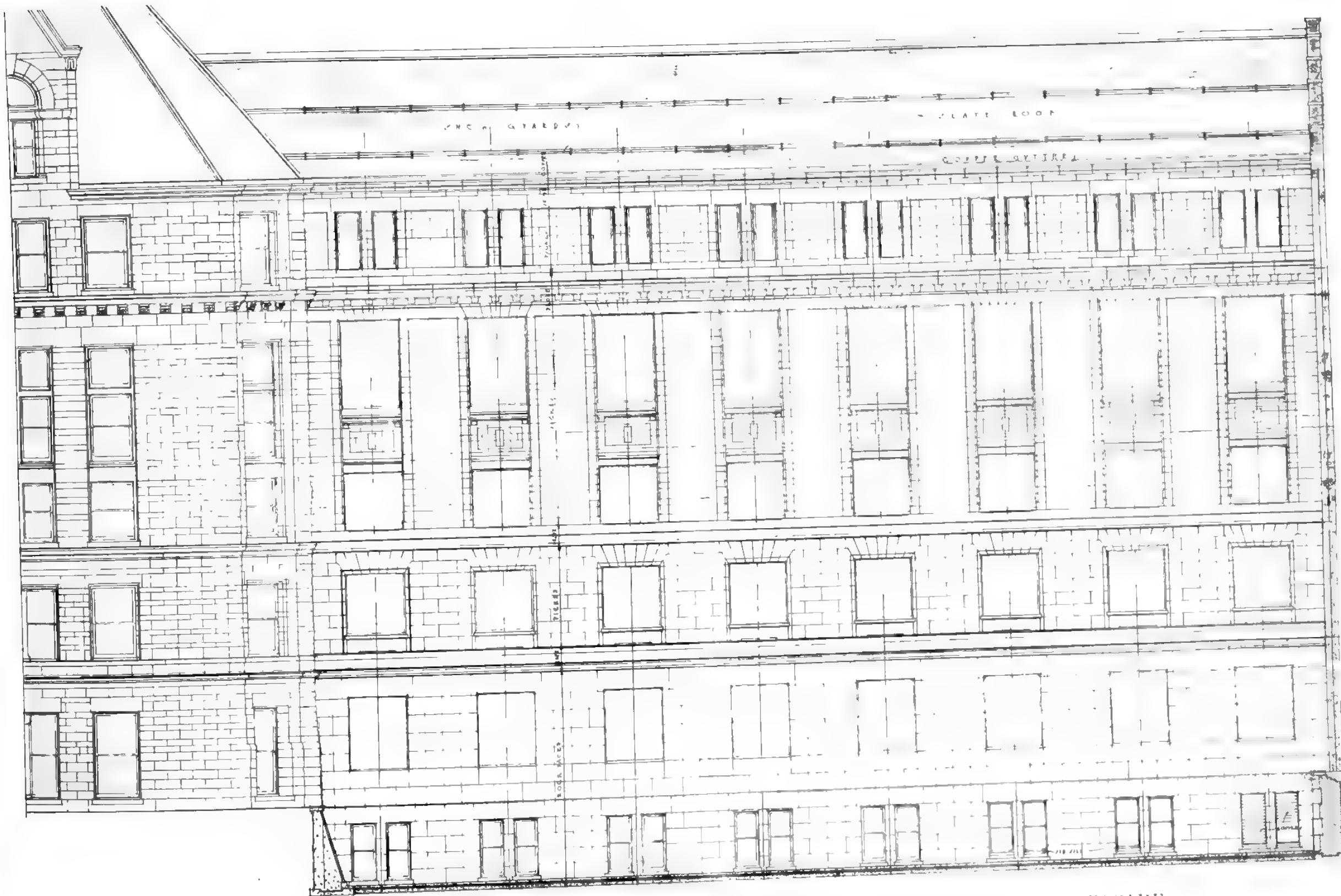


PROPOSED NEW EAST FAÇADE FACING CENTRAL PARK

PRELIMINARY DESIGN

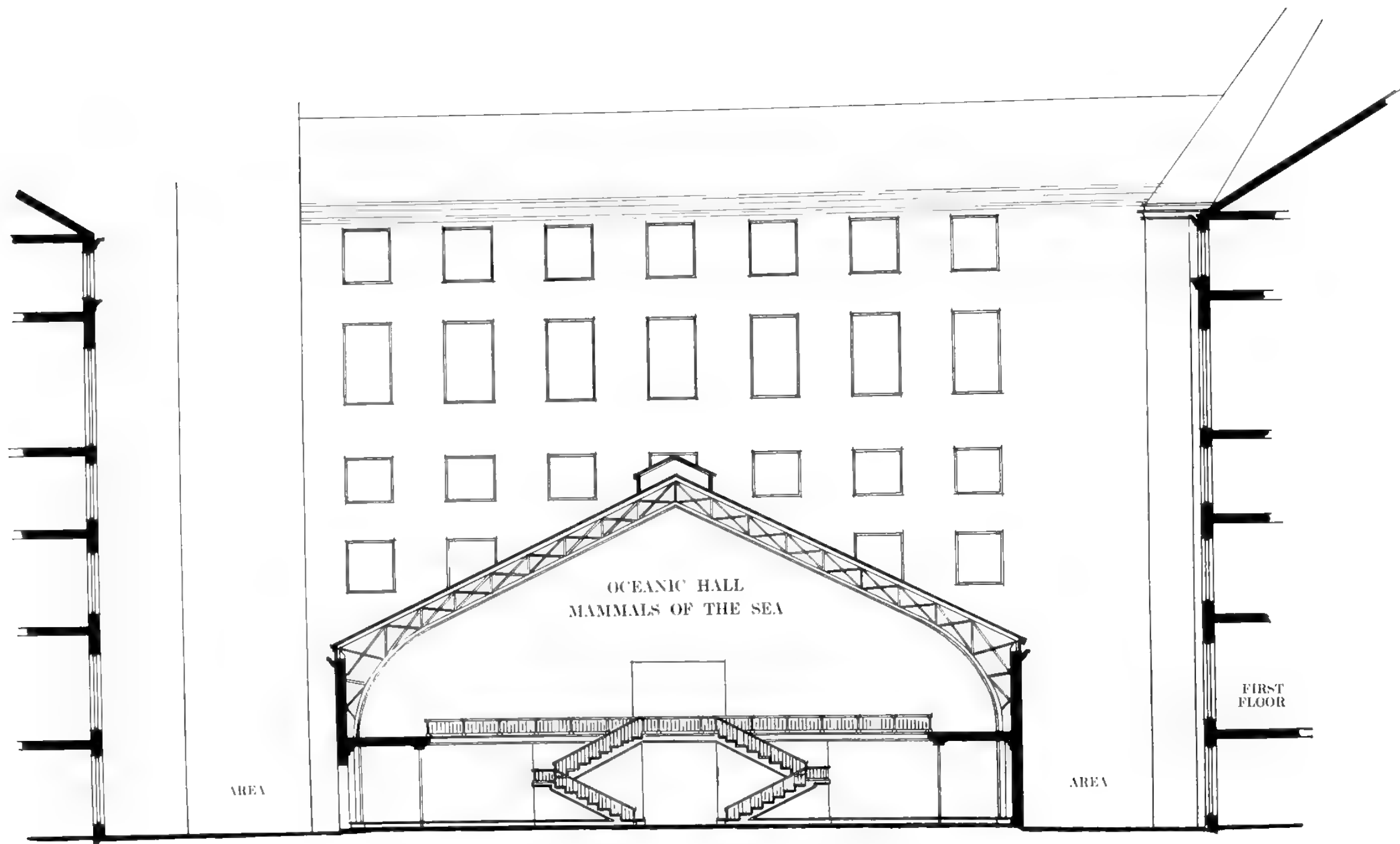
TROWBRIDGE & LIVINGSTON Architects





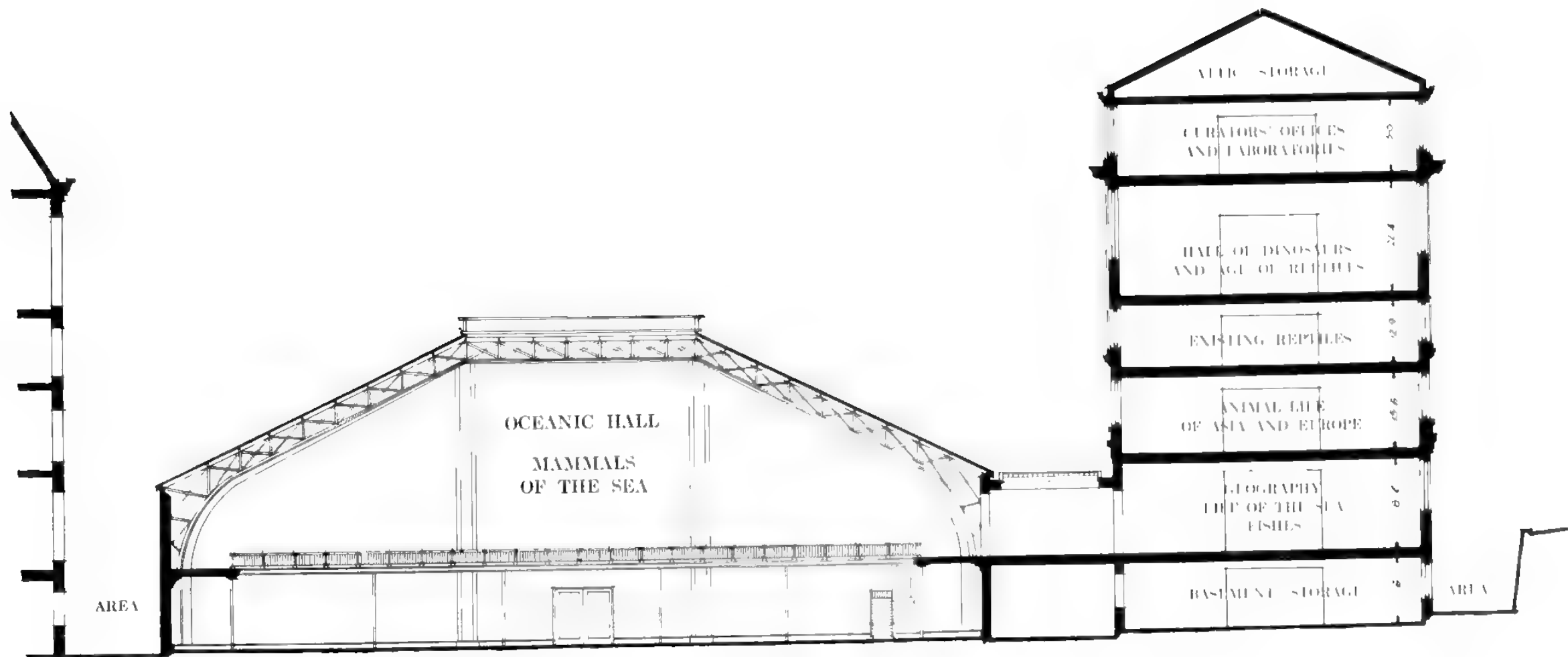
ELEVATION OF NEW SOUTHEAST WING, CENTRAL PARK FAÇADE

TROWBRIDGE & LIVINGSTON, Architects



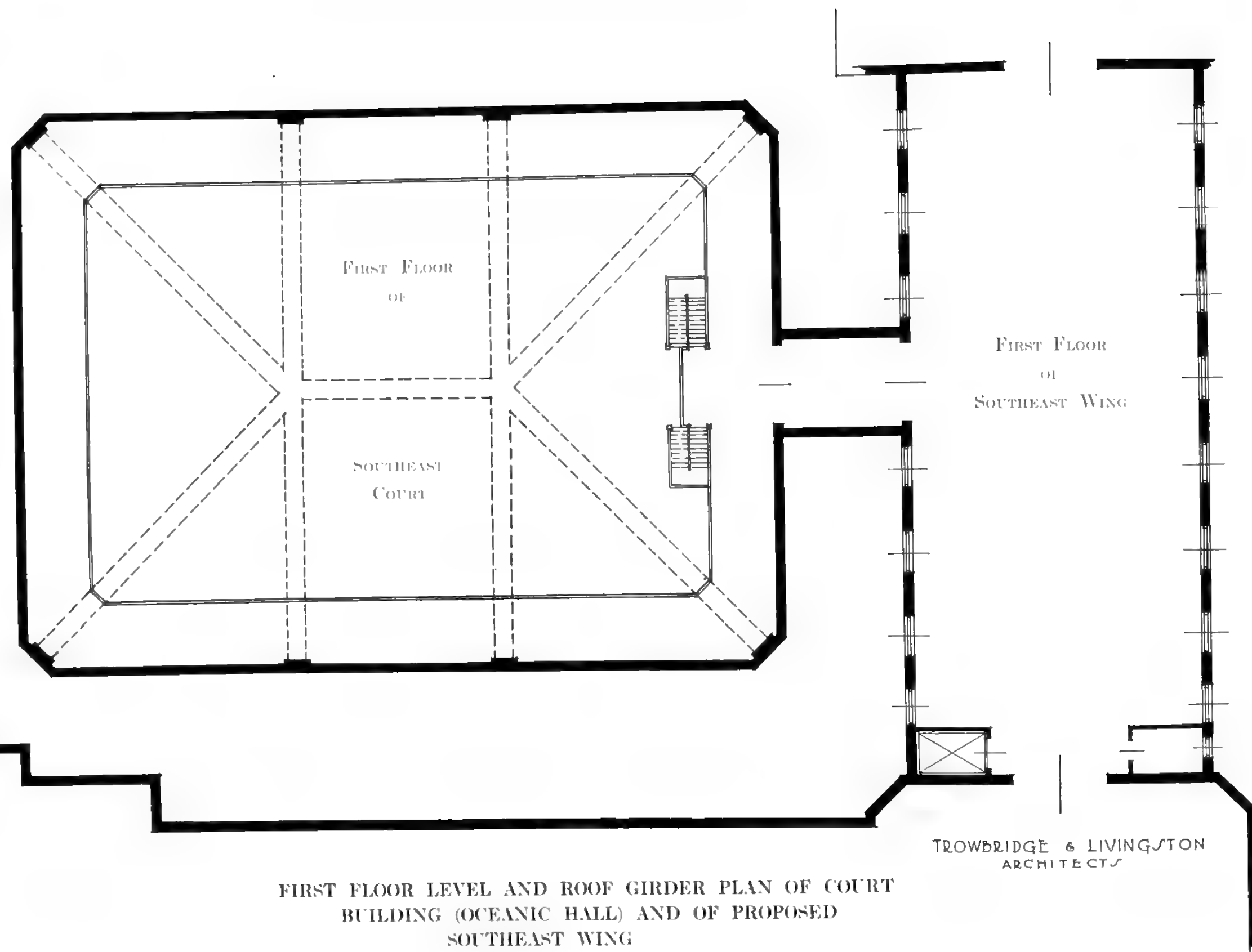
NORTH AND SOUTH SECTION, THROUGH SOUTHEAST COURT, LOOKING  
EAST TOWARDS PROPOSED SOUTHEAST WING

TROWBRIDGE & LIVINGSTON, *Architects*



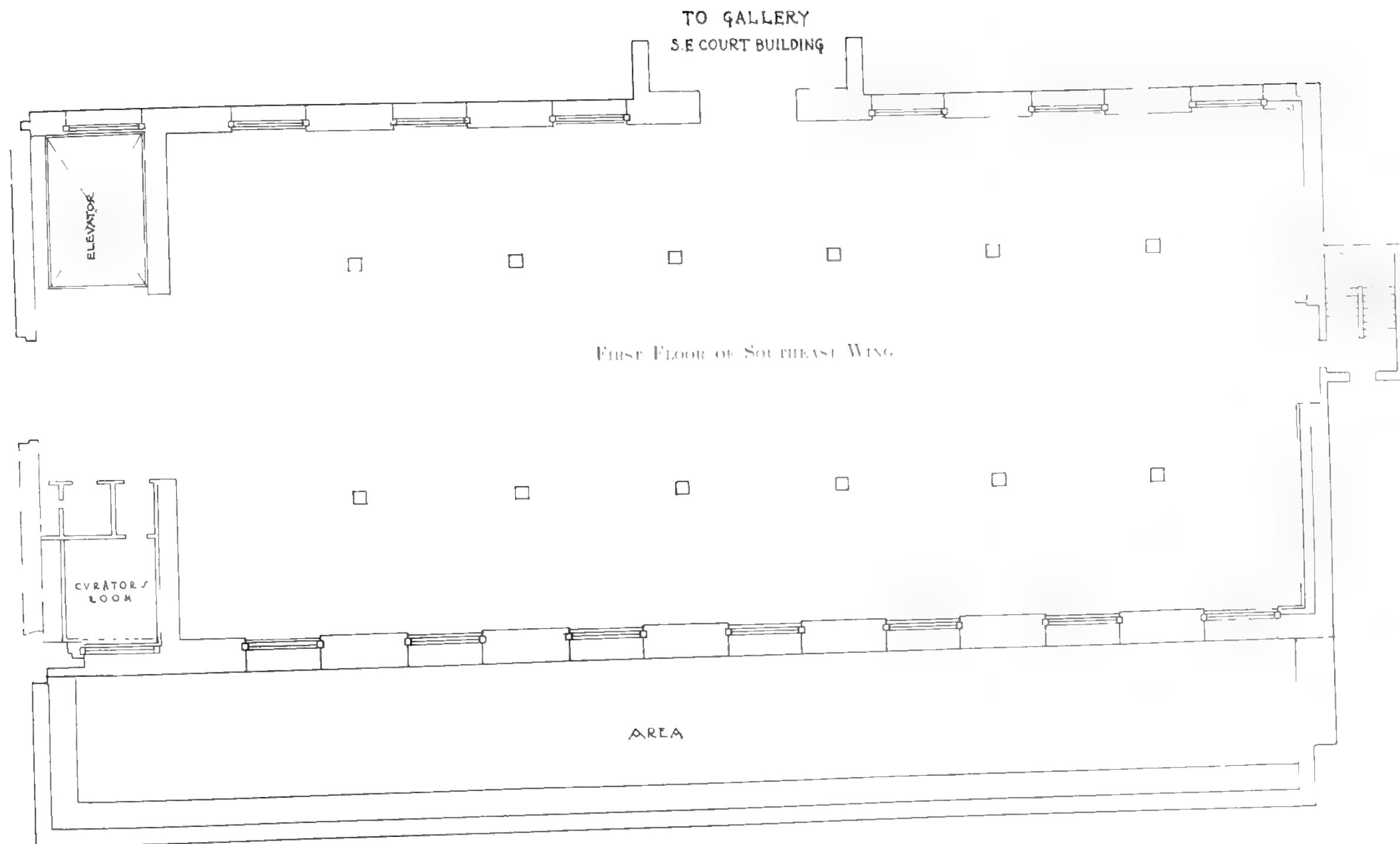
EAST AND WEST SECTION, THROUGH NEW SOUTHEAST WING  
AND SOUTHEAST COURT BUILDING

TROWBRIDGE & LIVINGSTON  
ARCHITECTS



FIRST FLOOR LEVEL AND ROOF GIRDER PLAN OF COURT  
BUILDING (OCEANIC HALL) AND OF PROPOSED  
SOUTHEAST WING





FIRST FLOOR PLAN OF NEW SOUTHEAST WING

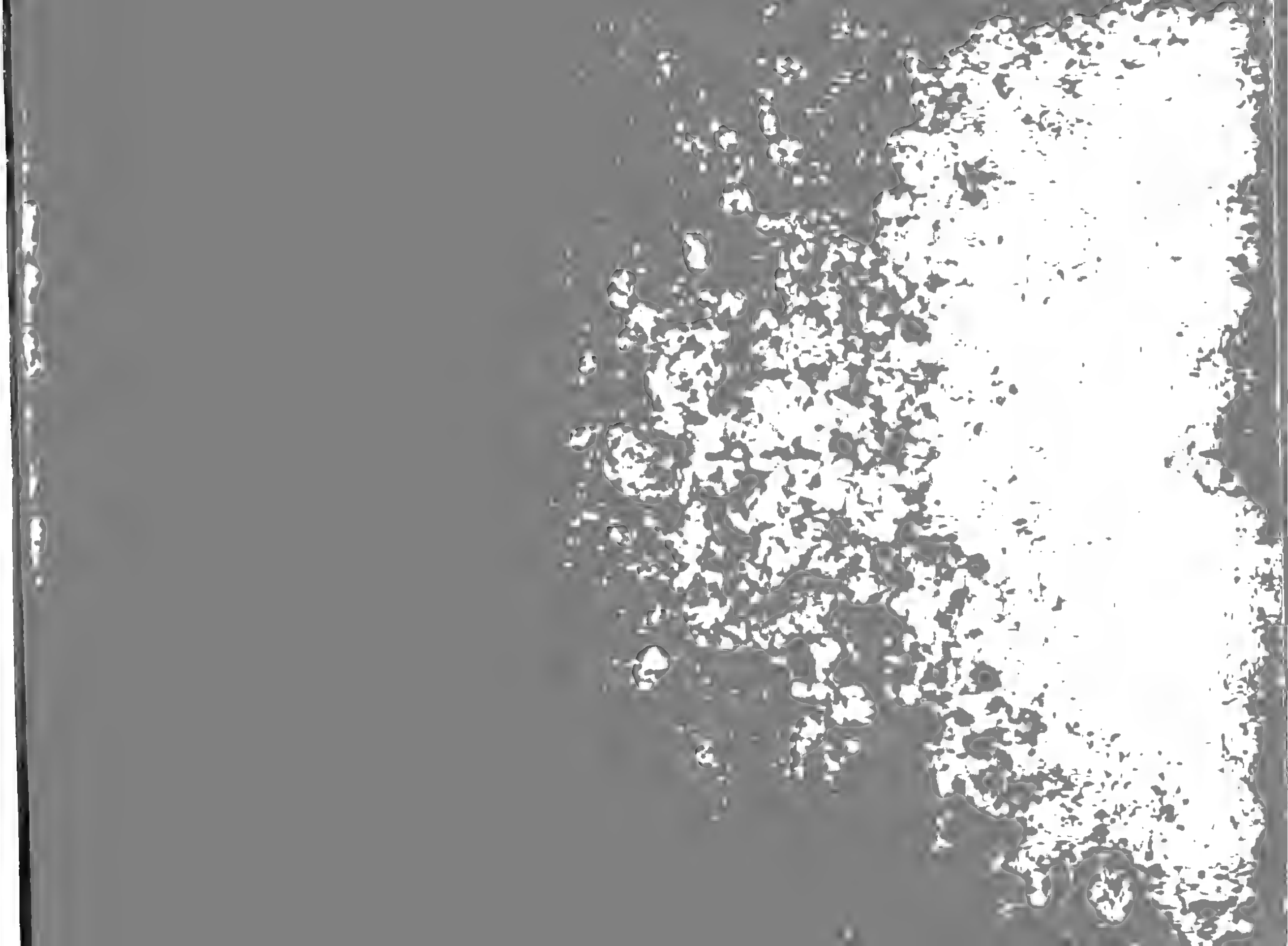
TROWBRIDGE & LIVINGSTON, Architects



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